E. V. CONNETT

ANNUAL REPORT

OF THE

NEW JERSEY STATE HIGHWAY DEPARTMENT

FOR THE YEAR

1941

STATE OF NEW JERSEY
STATE HIGHWAY DEPARTMENT
TRENTON

Hon. Spencer Miller, Jr.,
State Highway Commissioner,
Trenton, New Jersey.

July 1, 1942.

Dear Commissioner Miller:

Submitted herewith is the report of the operations of the State Highway Department for the year 1941.

The work of the several Divisions of the Department are covered in the reports of each Division and are attached hereto. Commenting briefly on these reports, your attention is called to the following facts.

Construction Division

During 1941, construction work was in progress on 185.567 miles of various types of highway improvements, 62 stream bridges and culverts, 10 railroad grade separations, and 17 highway grade separations, the total value of work actually performed in 1941 being $8,624,988.75.

Contracts covering 111.760 miles of highway construction, 25 stream bridges, 4 railroad grade separations, and 5 highway grade separations were completed in 1941; also, contracts under way covering 73.807 miles of highway construction, 37 stream bridges, 6 railroad grade separations, and 12 highway grade separations carried over into 1942.

Federal Aid and Preference Ratings: During the early months of 1941 the general policy of the Public Roads Administration (PRA) was to promote and give preference to matters pertaining to improvement of the strategic military network and access roads to military establishments and industries engaged in defense production. We proceeded in accordance with that policy.

Through the summer increasing uncertainty developed as to costs of labor and materials and the ability to obtain deliveries; contractors became hesitant to submit bids without definite priority ratings. The situation was acute when PRA issued a memorandum under date of September 2, 1941, outlining the general classifications of highway projects and preference ratings that would apply to those classifications. We began obtaining preference ratings the latter part of October for projects under contract and for those programmed, and during November the situation seemed well on the way to becoming entirely clarified.

PRA issued a memorandum dated November 27, 1941, emphasizing the need of conserving critical materials by substitution of non-critical materials and deferment of non-essential projects, and stressed the desirability of selecting projects essential for defense. PRA's letter of November 29, 1941, advised that Preference Rating Certificates previously given to highway projects below A4 classification were not to be applied unless the individual projects were actually under contract by November 1, 1941. This, in effect, limited application of preference ratings to projects of military significance. A stop order was placed in effect by PRA on December 2, 1941, which limited consideration of projects for Federal financial participation to those certified by defense agencies as essential to the national defense.

The war broke upon us on December 7, 1941, and the whole highway improvement program became very confused. PRA's memorandum of December 29, 1941, rescinded approval previously given to Regular Federal Aid programs, and outlined procedure to be followed in submitting such projects for consideration individually. The outlook for 1942 was quite uncertain.

Engineering Assistance given to Federal Government:
Department engineers cooperated fully with Federal authorities throughout 1941 by attending many meetings called by the Army, Navy and other Federal agencies and giving the benefit of our judgment and experience in connection with engineering problems requiring solution. We also undertook surveys and preparation of plans for access roads to Picatinny Arsenal, the Bayonne Naval Dry Dock and Supply Base, and to Fort Dix. Surveys were also undertaken and plans prepared for road and drainage facilities desired by the military authorities inside Fort Dix, Fort Monmouth and Fort Hancock. The cost of the surveys and preparation of plans was financed by moneys allotted for the purpose by the Federal Government.

In case of access roads financed by the Federal Government, the Department has given comprehensive study to their location and design in relation to ultimate improvement of the State Highway System with a view to eventually benefitting by the investment, where possible, after the war emergency has passed.

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Hon. Spencer Miller, Jr.-----#3.

Standard Specifications: A new edition of the Standard Specifications was issued in 1941, and constitutes a revision of the 1935 Specifications. The new specifications contain the revisions and additions necessary to bring our work up to the requirements of accepted current practice. The general arrangement and sequence of subjects conforms with the recommendations of the Federal Public Roads Administration, and our procedure is now tied in more completely with the Specifications of the American Association of State Highway Officials.

Through the medium of the American Association of State Highway Officials, which is a national organization composed of representatives of the various State Highway Departments and the Public Roads Administration, standard specifications covering the highway industry as a whole have been developed and prepared during the past twenty years, for the purpose of promoting uniform practice in design and construction. This work is carried on through committees of specialists on which members of this Department are represented, and new editions are brought out periodically to conform with the latest developments in highway design and construction.

Traffic Studies: Study of traffic behavior on existing highways has been intensified in our efforts to improve our highway designs to allow for the normal reactions of the average person in the use thereof under all conditions of day and night driving. Steady progress has been made in the development of the data with respect to time losses, capacities, and accidents, particularly at intersections. Mathematical means of calculating time losses and capacities at traffic light controlled intersections have been devised for any set of conditions, and progress is being made in devising similar methods to calculate such data with respect to simple intersections, traffic circles, cloverleafs, and other special intersections. When formulas for this purpose have been completely developed it will be possible to more accurately determine the type of treatment best suited and most economical for any given intersection.

Considerable additional study has been given to the effect of lane widths and roadway widths in relation to capacity and safety on both single and dual highways. In the light of information already developed our recent policy has been to increase lane widths.

Hon. Spencer Miller, Jr.-----#4.

Studies have been made as to the effect of openings in the centre islands on dual highways with particular regard to safety. The trend is to limit openings in centre islands and confine crossing traffic to locations where special provisions are available or can be designed for that purpose.

Reflecting Curb and Lane Separators: Cast-in-place scored white reflecting curb for islands was substituted largely for precast in 1941 because of the cost differential. Further tests and experimental installations were made to make the scored curb more effective. Special scored reflecting lane separators were developed for use in new pavement designs.

Interest in New Jersey reflecting curbs was aroused throughout the country, and many explanatory letters with data were sent to various public bodies at their request.

Highway Signs: In collaboration with the Maintenance Division, studies, tests, and experiments were undertaken to improve the visibility of our highway signs. Investigation revealed that the light striking the smooth surface on the letters causes glare, particularly at night, which makes them ineffective from certain positions. A new type of letter surface was devised consisting of a field of small pyramids especially designed to disperse the light and thus eliminate that condition.

Projects Division

Motor Vehicle Aid: For the year 1941, awards of contract and force account work were approved for the construction of 5.5 miles of surface pavement in the amount of $116,932.18; for the construction of bridges, $155,707.29; for gravel surfacing, $18,366.79; and for drainage and repairs to County roads, $32,745.36, a total of $323,751.62.

Township and Borough Aid: During 1941, work was completed on 269.9 miles of roads in the amount of $2,411,986.40, the State's share of which was $2,065,501.96 or approximately 81%. Of this, 234.7 miles was surface construction.

During the year 347 projects were completed, 55 incompleted, and funds allotted for 127.

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The following tabulation shows the mileage of municipal roads completed with Township & Boro Aid funds since 1921.

Year		Mileage	Year		Mileage
1921	-	149.7	1932	-	167.9
1922	-	197.0	1933	-	192.5
1923	-	85.4	1934	-	216.8
1924	-	99.2	1935	-	172.1
1925	-	167.7	1936	-	188.2
1926	-	170.0	1937	-	252.9
1927	-	114.5	1938	-	246.1
1928	-	133.1	1939	-	240.9
1929	-	190.8	1940	-	195.3
1930	-	251.8	1941	-	234.7
1931	-	269.9			
			Total	-	3,936.5

During the past few years there have been occasions where there has been a question as to the use of these Township & Boro Aid Construction funds on projects, and action had to be taken in accordance with Chapter 362 P.L. 1938 wherein these funds could be used in accordance with the Statute.

The Township & Borough Aid Act provides for the "construction, grading and drainage of unimproved Township, Borough, Town, Village or City roads as provided in said Act." At the time the original act was passed in 1916, the word unimproved was certainly appropriate, but since that time there has been several hundred miles of roads constructed which are today becoming unsuitable for present-day traffic and have passed the stage where it would be economical to apply Township & Borough Aid Maintenance Funds.

A great number of questions would be clarified in the future if the Township & Borough Aid Act was amended to read "construction, reconstruction, grading and drainage of Township, Borough, Town, Village or City roads."

Township & Borough Aid Maintenance: There was submitted to the State Highway Commissioner for 1941 funds, schedules totaling an estimated $523,655.28, of which the State's share was $470,872.30. There was available under this Act, starting with 1941 funds, $525,000. The amount obligated of the 1941 funds was $448,355.70; the balance or $22,516.60 was from unused funds of previous years. The Projects report shows a break-down of these figures by counties.

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The total amount of schedules ($523,655.28) was for the maintenance of an estimated 681 miles of roads previously built with Township & Boro Aid Construction funds and represents an average cost of approximately $769.00 per mile.

Maintenance Division

No Passing Zones: The establishment of "No Passing Zones" on highways and the marking of the same has been very generally accepted as a desirable procedure by practically all the States in the Union. At the present time the New Jersey Traffic Act does not provide for the establishment of such zones, their marking or the enforcement of the "No Passing" feature. The establishment of "No Passing Zones" is a valuable contribution to the safety of the traveling public. It is, therefore, recommended that the Legislature be asked to pass the necessary Legislation to permit the setting up and marking of such zones. It is unfortunate that at least one of our adjoining States has not adopted the National standard. On the whole, however, the opinion is that the New Jersey law should be in conformity with the National standard. It is further recommended that the National standard be followed in any Legislation enacted.

Elimination of Advertising Signs: On several occasions there have been sporadic attempts to eliminate advertising signs from the rights of way of State Highways, but at no time have our endeavors been entirely satisfactory. Many of our most heavily traveled sections of highways are literally lined with signs of all sorts and descriptions and the resulting appearance of the highways is decidedly objectionable. There are certain laws in existence which were designed to prevent this condition. It is, however, the opinion that these laws are principally observed in the breach thereof. If the State Highway Department were vested with the power of summary removal of signs from the rights of way of State Highways, a considerable contribution would be made toward the clearing up of this situation. It is possible that there may be objections to granting such powers to the Department. If there be such valid objections, it is recommended that some other equally satisfactory method be devised and the necessary laws enacted to bring about the elimination of the present forest of signs along the highways.

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Research Organization: At the present time the State Highway Department has no real research organization. Practically all Divisions of the Department are so engrossed with their regular duties that they have inadequate time to make a thorough and comprehensive study of matters requiring investigation. A number of projects could be outlined of sufficient importance, both from a construction and an economic standpoint, to warrant the expenditure of a considerable sum on exhaustive research. It is, therefore, recommended that consideration be given to setting up a research organization in the Department.

Electrical Division

The United States Army, Federal Agencies and Defense Plants are making numerous requests for the installation of traffic signals on the State Highway System and entrances to the various Army Camps or Defense Plants. When justified, these locations are given priority to the requests being received from municipalities for the installation of traffic signals. Thirty-two of these locations are now under consideration for installations to be made during 1942.

It is again recommended that a study be made by our Legal Division to determine whether we cannot insist on the right to install State-owned lighting equipment and circuits on all utility company poles on the State Highway Department right-of-way.

Equipment Division

The State owned equipment has been maintained in its usual excellent condition. In addition to the routine requirements involving service on, replacements and care of units, the Division engaged in 883 separate complete operations.

The purchase of additional Mack trucks during the year placed the Division in a position to assign many of these units to the snow removal program, replacing much of the slower solid type of equipment.

STATE OF NEW JERSEY
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Laboratory Division

Attached to the report of the Laboratory Division, you will find an analysis showing the amounts and types of materials tested during the year. Among the more important items were 1,928,502 gallons of asphaltic oils and 649,400 barrels of Portland Cement.

Tables are attached showing the strengths secured in concrete pavement construction on State Highway and State Aid projects.

W. P. A. Work Relief Program

Under the State Highway Department-W. P. A. Work Relief Program, employment under the same varied from a high of 14,632 on January 27, to a low of 3,168 on November 24. Ninety-eight (98) projects were completed and seventy-two (72) projects continued into 1942.

Right of Way Division

The Report of the Right of Way Division for 1941 shows that the number of agreements approved, awards approved and net condemnations authorized total 638 in the aggregate sum of $2,369,376.07. The actual amount paid out during the year 1941 on settled cases was $2,542,902.61.

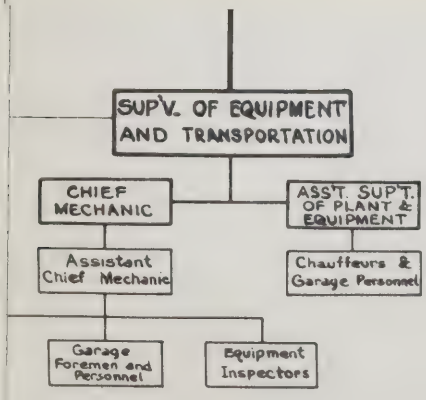
In addition to actually negotiating for the acquisition of properties needed, the Negotiating Bureau assisted the Construction Division in making preliminary estimates on various lines and also testified before Condemnation Commissioners and Juries.

Administration Division

The administrative work of the Department has been carried out in an efficient manner. The Auditing and Accounting, Purchase and Stores, Statistical, Personnel and other related units of the Division, performing a large volume of work during the year.

Respectfully submitted,

James Logan
State Highway Engineer.



NEW JERSEY STATE HIGHWAY DEP'T.

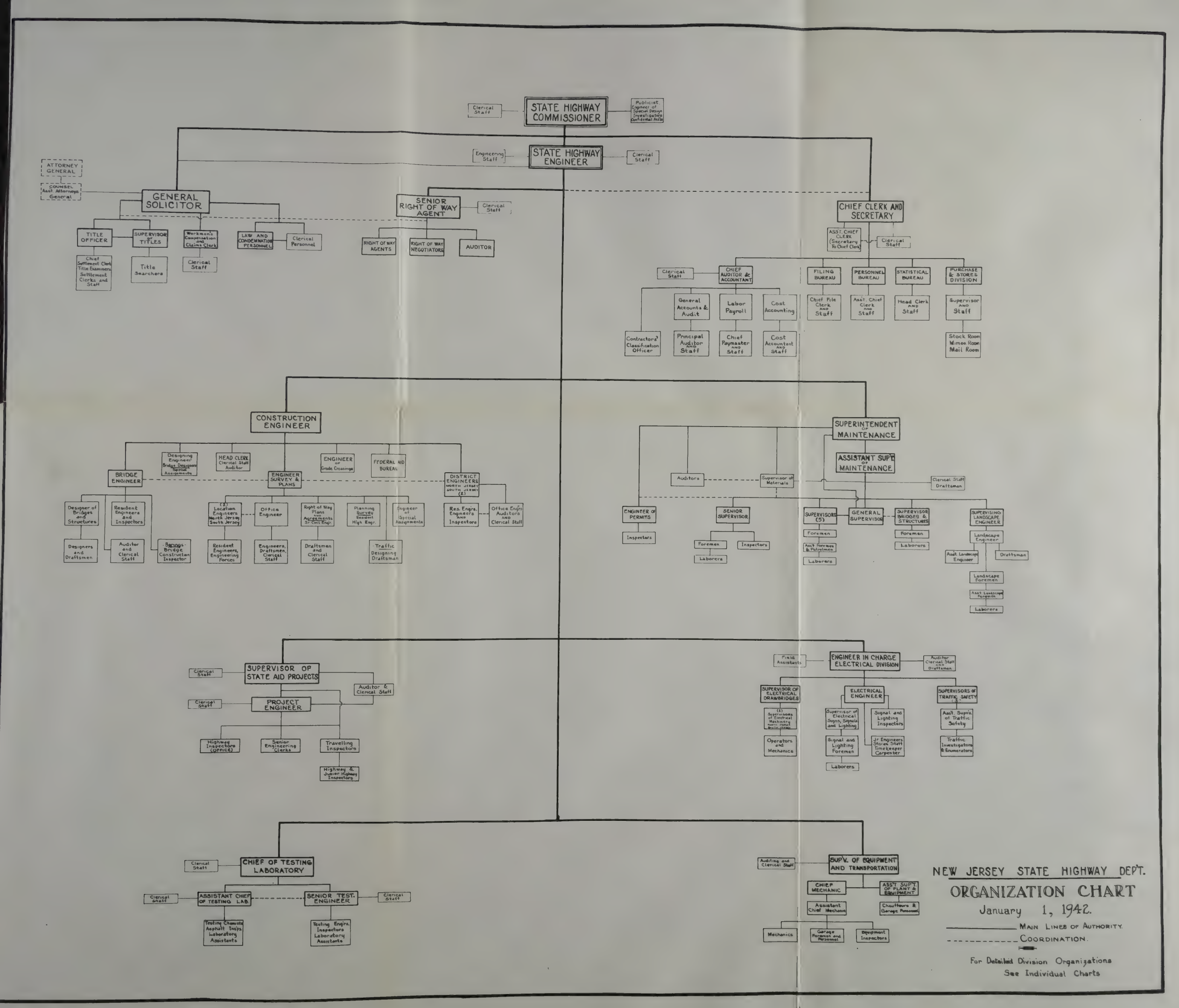
ORGANIZATION CHART

January 1, 1942.

——————— MAIN LINES OF AUTHORITY.

- - - - - - - - - - - - COORDINATION.

For Detailed Division Organizations
See Individual Charts.


STATE HIGHWAY COMMISSIONER
Clerical Staff
Publicist, Engineer of Special Design, Investigators, Confidential Asst.
STATE HIGHWAY ENGINEER
Engineering Staff
Clerical Staff
ATTORNEY GENERAL
COUNSEL Asst. Attorneys General
GENERAL SOLICITOR
TITLE OFFICER
Chief Settlement Clerk, Title Examiners, Settlement Clerks and Staff
SUPERVISOR OF TITLES
Title Searchers
Workmen's Compensation and Claims Clerk
Clerical Staff
LAW AND CONDEMNATION PERSONNEL
Clerical Personnel
SENIOR RIGHT OF WAY AGENT
Clerical Staff
RIGHT OF WAY AGENTS
RIGHT OF WAY NEGOTIATORS
AUDITOR
CHIEF CLERK AND SECRETARY
ASST. CHIEF CLERK (Secretary To Chief Clerk)
Clerical Staff
Clerical Staff
CHIEF AUDITOR & ACCOUNTANT
General Accounts & Audit
Labor Payroll
Cost Accounting
Contractors' Classification Officer
Principal Auditor AND Staff
Chief Paymaster AND Staff
Cost Accountant AND Staff
FILING BUREAU
Chief File Clerk AND Staff
PERSONNEL BUREAU
Asst. Chief Clerk AND Staff
STATISTICAL BUREAU
Head Clerk AND Staff
PURCHASE & STORES DIVISION
Supervisor AND Staff
Stock Room, Mimeo Room, Mail Room
CONSTRUCTION ENGINEER
Designing Engineer, Bridge Designers, Special Assignments
HEAD CLERK, Clerical Staff, Auditor
ENGINEER OF Grade Crossings
FEDERAL AID BUREAU
BRIDGE ENGINEER
Designer of Bridges and Structures
Designers and Draftsmen
Resident Engineers and Inspectors
Auditor and Clerical Staff
Bridge Construction Inspector
ENGINEER SURVEY & PLANS
(2) Location Engineers North Jersey South Jersey
Resident Engineers, Engineering Forces
Office Engineer
Engineers, Draftsmen, Clerical Staff
Right of Way Plans and Agreements Sr. Civil Engr.
Draftsmen and Clerical Staff
Planning Survey Resident High Engr.
Traffic Designing Draftsman
Engineer of Special Assignments
DISTRICT ENGINEERS NORTH JERSEY SOUTH JERSEY (2)
Res. Engrs. Engineers AND Inspectors
Office Engrs. Auditors AND Clerical Staff
SUPERINTENDENT OF MAINTENANCE
ASSISTANT SUP'T OF MAINTENANCE
Auditors
Supervisor of Materials
Clerical Staff Draftsman
ENGINEER OF PERMITS
Inspectors
SENIOR SUPERVISOR
Foremen
Inspectors
Laborers
SUPERVISORS (5)
Foremen
Asst. Foremen & Patrolmen
Laborers
GENERAL SUPERVISOR
SUPERVISOR BRIDGES & STRUCTURES
Foremen
Laborers
SUPERVISING LANDSCAPE ENGINEER
Landscape Engineer
Asst. Landscape Engineer
Draftsman
Landscape Foremen
Asst. Landscape Foremen
Laborers
SUPERVISOR OF STATE AID PROJECTS
Clerical Staff
Auditor & Clerical Staff
PROJECT ENGINEER
Clerical Staff
Highway Inspectors (OFFICE)
Senior Engineering Clerks
Travelling Inspectors
Highway & Junior Highway Inspectors
ENGINEER IN CHARGE ELECTRICAL DIVISION
Field Assistants
Auditor, Clerical Staff AND Draftsman
SUPERVISOR OF ELECTRICAL DRAWBRIDGES
(2) Supervisors of Electrical Machinery North Jersey South Jersey
Operators and Mechanics
ELECTRICAL ENGINEER
Supervisor of Electrical Signs, Signals and Lighting
Signal and Lighting Foremen
Laborers
Signal and Lighting Inspectors
Jr. Engineers Stores Staff Timekeeper Carpenter
SUPERVISORS OF TRAFFIC SAFETY (3)
Asst. Supvs. of Traffic Safety
Traffic Investigators & Enumerators
CHIEF OF TESTING LABORATORY
Clerical Staff
ASSISTANT CHIEF OF TESTING LAB.
Clerical Staff
Testing Chemists, Asphalt Insps., Laboratory Assistants
SENIOR TEST. ENGINEER
Clerical Staff
Testing Engrs., Inspectors, Laboratory Assistants
SUP'V. OF EQUIPMENT AND TRANSPORTATION
Auditing and Clerical Staff
CHIEF MECHANIC
Assistant Chief Mechanic
Mechanics
Garage Foremen and Personnel
Equipment Inspectors
ASS'T. SUP'T. OF PLANT & EQUIPMENT
Chauffeurs & Garage Personnel
NEW JERSEY STATE HIGHWAY DEP'T.
ORGANIZATION CHART
January 1, 1942.
MAIN LINES OF AUTHORITY.
COORDINATION.
For Detailed Division Organizations See Individual Charts

ANNUAL REPORT

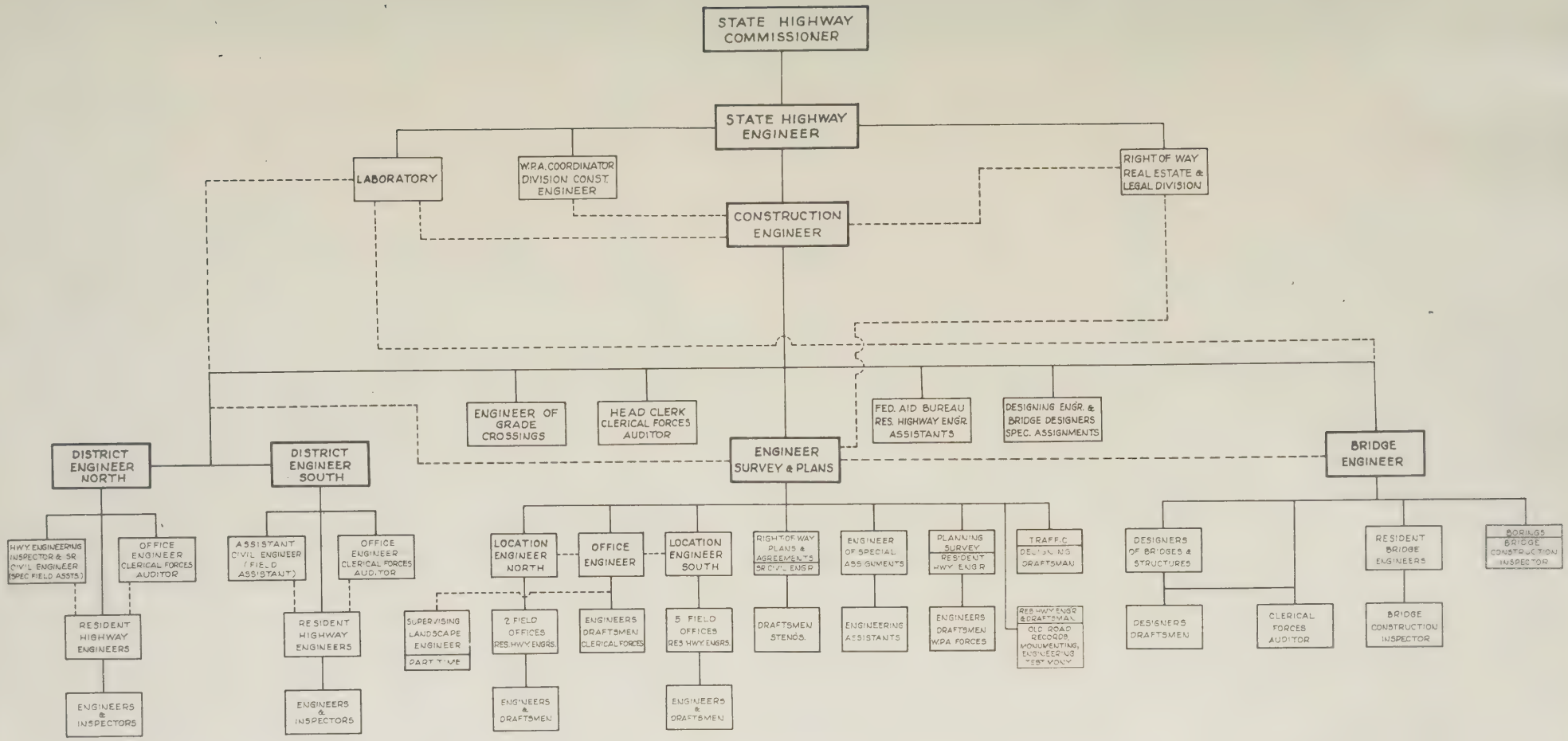
OF THE

CONSTRUCTION DIVISION

NEW JERSEY STATE HIGHWAY DEPARTMENT

FOR THE YEAR

1941



◦ LEGEND ◦

——— RESPONSIBILITY

- - - - - COORDINATION

NEW JERSEY STATE HIGHWAY DEP'T.

CONSTRUCTION DIVISION ORGANIZATION

1941

STATE OF NEW JERSEY
STATE HIGHWAY DEPARTMENT
TRENTON

Annual Report - 1941
Construction Division

TS/FC

December 31, 1941.

Mr. James Logan
State Highway Engineer
Trenton, New Jersey

Dear Sir:

The Annual Report covering activities of the Construction Division for the calendar year 1941 is herewith respectfully submitted.

During 1941, construction work was in progress on 185.567 miles of various types of highway improvements, 62 stream bridges and culverts, 10 railroad grade separations, and 17 highway grade separations, the total value of work actually performed in 1941 being $8,624,988.75.

The above includes work performed in 1941 on the following:

1. 79.013 miles of State Highway construction, 15 stream bridges, 2 railroad grade separations, and 5 highway grade separations that were started previous to 1941 and finished during 1941.

2. 30.123 miles of State Highway construction, 15 stream bridges and 5 highway grade separations that were started previous to 1941, the completion of which will carry over into 1942.

3. 12.229 miles of State Highway construction and 1 stream bridge that were started and completed in 1941.

4. 35.728 miles of State Highway construction, 16 stream bridges, 3 railroad grade separations, and 7 highway grade separations that were started in 1941 and will carry over into 1942.

5. 20.518 miles of secondary road construction, 9 stream bridges, and 2 railroad grade separations on secondary roads that were completed in 1941; and 7.956 miles of secondary road construction, 6 stream bridges and 3 railroad grade separations on secondary roads that will carry over into 1942.

From the above it is to be noted that contracts covering 111.760 miles of highway construction, 25 stream bridges, 4 railroad grade separations, and 5 highway grade separations were completed in 1941; also, that contracts under way covering 73.807 miles of highway construction, 37 stream bridges, 6 railroad grade separations, and 12 highway grade separations will carry over into 1942.

The above is all more particularly shown in detail on tabulations immediately following this letter.

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Special Activities

In addition to the major functions of carrying on surveys, design, preparation of plans, and construction engineering and inspection covering new work, the following activities of this Division merit special mention.

Standard Specifications

A new edition of the Standard Specifications was issued in 1941, and constitutes a revision of the 1935 Specifications. The new specifications contain the revisions and additions necessary to bring our work up to the requirements of accepted current practice. The general arrangement and sequence of subjects conforms with the recommendations of the Federal Public Roads Administration, and our procedure is now tied in more completely with the Specifications of the American Association of State Highway Officials.

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Studies have been made as to the effect of openings in the center islands on dual highways with particular regard to safety. The trend is to limit openings in center islands and confine crossing traffic to locations where special provisions are available or can be designed for that purpose.

Research

Research has been continued in our constant endeavor to more completely discover the causes of deterioration and structural failures in road pavements and to develop ways and means to combat them, as well as to improve

features of design and methods of construction to produce a better or more economical product and to make our facilities more effective to expedite traffic movements in a safer manner.

As it became acutely evident during 1941 that increasing scarcities would exist in certain road building materials, studies were immediately commenced to determine practical substitute designs that would not require or would minimize the use of critical materials.

Extensive studies, tests, and experiments were carried on during the year particularly in connection with the following subjects:-

Stresses in Early Life of Concrete Pavements:

Certain influences causing failures determined and means developed to minimize stresses destructive to newly laid concrete such as is caused by temperature changes. Tests undertaken to determine the effect of various types of curing materials with respect to temperature change. Extensive studies and tests made to determine frictional resistance to expansion and contraction of pavement slabs constructed on subgrades of various kinds of materials.

Sub-base

Intensive study and experimentation was undertaken with respect to subsoils underlying our pavements to determine the extent to which various materials do or do not provide insulation against frost action and offer a safeguard from the destructive forces of frost heaving. Also, the reaction of various underlying materials, when saturated, to the pumping action of traffic. Our knowledge of this subject and of suitable sub-base materials has been materially increased.

Steel Reinforcement:

Tests made to more fully determine the efficiency of steel mats as now used to reinforce concrete pavements.

Crack Survey:

Undertaken in various parts of State and analyses and comparisons made to more fully determine influence, as related to the formation of cracks, of conditions on the ground, design, methods of construction, and conditions under which pavements were installed.

Reflecting Curb and Lane Separators:

Cast-in-place scored white reflecting curb for islands was substituted largely for precast in 1941 because of the cost differential. Further tests and experimental installations were made to make the scored curb more effective. Special scored reflecting lane separators were developed for use in new pavement designs.

Interest in New Jersey reflecting curbs was aroused throughout the country, and many explanatory letters with data were sent to various public bodies at their request.

Joint Structure:

The performance of the modern joint designs developed by this Department and used in recent years has been closely watched and compared, and means devised and tested to improve certain features which have been sources of trouble.

Highway Signs:

In collaboration with the Maintenance Division, studies, tests, and experiments were undertaken to improve the visibility of our highway signs. Investigation revealed that the light striking the smooth surface on the letters causes glare, particularly at night, which makes them ineffective from certain positions. A new type of letter surface was devised consisting of a field of small pyramids especially designed to disperse the light and thus eliminate that condition.

Statewide Highway Planning Survey:

The investment in this project paid early dividends during the critical days of 1941 as the Department was prepared to promptly contribute to the defense and war effort by furnishing to the War Department and State defense agencies urgently needed maps and information pertaining to roads and the physical development of New Jersey.

The Survey was commenced in 1938 under an agreement dated April 19, 1938, with the United States Bureau of Public Roads, Department of Agriculture (now Public Roads Administration, Federal Works Agency.) It has been financed by a minimum amount of State funds supplemented largely by Federal funds.

The work has been directed by Department employees with extensive assistance by W.P.A. workers assigned under an agreement with the Work Projects Administration.

The work of the Survey is divided into three major divisions: Road Inventory, Financial Survey, and Traffic Survey.

The Road Inventory comprises a complete detailed inventory of all roads and bridges in the State and their classification under urban streets and thoroughfares, township and other rural roads, county roads, State highways, Federal Aid highways, and United States highways, together with the state of physical and cultural development of the State at large. This information is contained on large scale maps, known as "Base Maps," which in addition to road data show railroads and stations, airports and airway beacons, streams, dams, reservoirs, navigation facilities, political sub-divisions, military establishments, public buildings and institutions, utility plants, radio stations, sewage disposal plants, pumping stations, hotels, churches, schools and colleges, fire houses and forest ranger stations, hospitals, cemeteries, farms and rural dwellings, business establishments, rural industrial plants, mines and quarries, parks and other recreational facilities, and scenic or historic sites.

All information obtained in the field during the three previous years was analyzed and recorded during 1941, and various tabulations of this data are now available.

Maps of seven counties were completed in 1941, bringing to thirteen the number of counties completed. Maps of the remaining eight counties are in various stages of completion and are expected to be completed during 1942. These maps are drafted on a scale of a mile to 4 inches, and are reduced for distribution to a scale of a mile to 2 inches. A State road map is also being prepared on a scale of 2 miles to an inch.

Because of the complete and accurate nature of the information contained on these maps their distribution has been restricted to government and other eligible agencies for the duration of the war.

The Financial Survey is designed to reveal what groups pay for the various classifications of roads and streets and the extent of their use by those respective groups. Also, the relative parts of the various forms of taxation which go to road and street building and maintenance.

All the field information for the Motor Vehicle Allocation and Road Use Study was obtained during 1940, and that data is in course of being analyzed and tabulated.

The Road Life Study of the State Highway System has been practically completed and the information given on straight line diagrams showing the construction by stages, dates of construction, type and width of pavement, and the cost.

A study was made of the financial reports of the State and political sub-divisions for the year 1938, taken as a sample year, to determine the source of all revenues and how expended. The expenditures have been classified under: Highways and Streets, Public Welfare, Education, and General Government. Tabulations have been made showing the findings in detail. Highway revenues and expenditures have been kept up-to-date.

The Traffic Survey was undertaken in 1940 to determine the density of traffic, and types and specifications of vehicle using the various classifications of highway, together with the commodities transported by the various types of commercial vehicle.

The field work for the Traffic Density Study was completed in February 1941, and the information has been compiled. The data is being analyzed and adjusted for the purpose of showing it graphically on county and State maps.

The field work for the Loadometer Study of commercial vehicles to determine weights, dimensions, tire sizes, axle spacing, capacities, and commodities carried was completed in February 1941, and this information has been analyzed and recorded.

General

All in all 1941 was a year of extreme uncertainty with the problems of normal operation multiplied because of conditions brought about by the war. However, I am glad to advise that the personnel of the Construction Division responded admirably in coping with changing conditions and increasing difficulties occasioned thereby.

Respectfully submitted

C. F. Bedwell

C. F. Bedwell
Construction Engineer

SUMMARY OF NEW CONSTRUCTION
BY
NEW JERSEY STATE HIGHWAY DEPARTMENT

DURING 1941

MILEAGE AND TYPES OF PAVEMENT					NUMBER OF BRIDGES			VALUE OF WORK ACTUALLY PERFORMED DURING 1941				
REINF. CONCRETE	BIT. CONC. OR ASPHALT	GRAVEL OR MAGADAM	GRADING	TOTALS	STREAM BRIDGES	GRADE SEPARATIONS		ROAD WORK	STREAM BRIDGES	GRADE SEPARATIONS		TOTALS
						RAILROAD	HIGHWAY			RAILROAD	HIGHWAY	
I. STATE HIGHWAY WORK AWARDED PREVIOUS TO 1941 WHICH WAS COMPLETED IN 1941.												
50.108	2.323	7.165	19.417	79.013	15	2	5	$1,200,411.33	$78,840.16	$11,725.81		$1,290,977.30
II. STATE HIGHWAY WORK AWARDED PREVIOUS TO 1941 WHICH CARRIED INTO 1942.												
11.634			18.489	30.123	15		5	2,477,831.57	206,715.18		$176,055.40	2,860,602.15
III. STATE HIGHWAY WORK AWARDED AND COMPLETED IN 1941.												
8.116	0.572	3.364	0.177	12.229	1			906,388.02	15,821.54			922,209.56
IV. STATE HIGHWAY WORK AWARDED IN 1941 WHICH CARRIED INTO 1942.												
28.695	0.899		6.134	35.728	16	3	7	1,847,695.51	265,002.04	83,155.97	213,379.20	2,409,232.72
V. FEDERAL PROJECTS ON SECONDARY ROADS:												
STARTED PREVIOUS TO 1941 AND COMPLETED IN 1941.												
3.046	3.730	4.941		11.717	2	1		86,021.84		18,591.70		104,613.54
STARTED PREVIOUS TO 1941 AND CARRIED INTO 1942.												
RAILROAD XING PROTECTION								2,131.96				2,131.96
STARTED AND COMPLETED IN 1941.												
1.949	6.039	0.813		8.801	7	1		323,620.20	122,195.20	164,758.25		610,573.65
STARTED IN 1941 AND CARRIED INTO 1942.												
	2.196	5.760		7.956	6	3		110,330.63	90,381.50	223,935.74		424,647.87
103.548	15.759	22.043	44.217	185.567	62	10	17	$6,954,431.06	$778,955.62	$502,167.47	$389,434.60	$8,624,988.75

NEW JERSEY STATE HIGHWAY DEPARTMENT
CONSTRUCTION DIVISION
CONTRACTS AWARDED PREVIOUS TO 1941

ROUTE	SECTION	LOCATION	COUNTY	TYPES OF PAVEMENT - MILEAGE				TOTAL MILEAGE	ADJUSTED CONTRACT AMOUNTS			AMT. COMPLETED PREVIOUS TO 1941	AMOUNT COMPLETED IN 1941	AMOUNT TO BE COMPLETED IN 1942	DIST.
				CONC.	BIT.CON.	GRAVEL	GRADING		ROAD	BRIDGE	TOTAL				
1	9B	DANFORTH AVE. - HUDSON COUNTY BLVD.	HUDSON		1.069			1.069	$54,854.02		$54,854.02	$9,474.21	$45,379.81		N
S3	1A	ROUTE 2 - ROUTE 3 (PARTIAL DUAL PAVING)	BERGEN	1.461				1.461	220,095.11		220,095.11		197,941.27	$22,153.84	N
S3	1B	EMBANKMENT APPROACHES TO VIADUCT	BERGEN				0.379	0.379	201,301.00		201,301.00		196,910.04	4,390.96	N
4	41	GORDONS CORNER - BROWNTOWN	MONMOUTH) MIDDLESEX)	2.800 2.355				5.155	336,411.11	$60,039.81	396,450.92	361,907.31	34,543.61		S
4	43	MARMORA - BEESLEYS POINT	CAPE MAY	1.923				1.923	43,330.11		43,330.11	42,100.00	1,230.11		S
6	8A & 8B	LEXINGTON AVENUE - VALLEY ROAD (DUAL PAVING)	PASSAIC	3.131				3.131	500,583.37	53,283.48	553,866.85	16,025.65	525,242.65	12,598.55	N
6	9	UNION AVENUE - VALLEY ROAD (DUAL)	PASSAIC				2.476	2.476	238,937.75	17,233.15	256,170.90	214,846.98	33,514.76	7,809.16	N
6	9	WATER MAIN RELOCATION	PASSAIC						88,242.49		88,242.49	51,651.71	36,590.78		N
6	8 & 9	BRIDGES - ROUTE S3, VALLEY ROAD, MOUNTAIN AVE. AND LOWER NOTCH ROAD	PASSAIC						230,520.50	205,571.60	436,092.10	432,501.79	3,590.31		N
6	11	TROY BROOK - PASSAIC RIVER (DUAL GRADING)	MORRIS				2.585	2.585	133,959.53		133,959.53	132,315.58	1,643.95		N
6	11A	TROY BROOK - PINE BROOK (DUAL PAVING)	MORRIS) ESSEX)	2.754 0.270				3.024	366,823.00		366,823.00	345,462.10	21,360.90		N
6	11B&12A	RELOCATION AT PASSAIC RIVER (DUAL PAVING)	ESSEX) PASSAIC)	0.909 0.097				1.006	105,078.06		105,078.06	103,634.77	1,443.29		N
6	12	PASSAIC RIVER BRIDGE	MORRIS							141,763.87	141,763.87	139,806.07	1,957.80		BR
6	13	DENVILLE - COBBS CORNER (DUALIZED)	MORRIS	2.735				2.735	360,736.29	13,832.42	374,568.71	348,774.19	25,794.52		N
23	8B	LEHIGH & NEW ENGLAND R.R. OVERPASS, SUSSEX	SUSSEX	0.515				0.515	108,119.40	117,366.53	225,485.93	157,611.81	67,874.12		N
23	12E	REVISION OF CIRCLE, PECK'S CORNER	MORRIS	0.105				0.105	16,013.48		16,013.48	12,724.00	3,289.48		N
25	4C & 5C	ADAMS STATION - PLAINFIELD AVE. (DUALIZED)	MIDDLESEX	6.019	0.499			6.518	729,794.12		729,794.12	598,200.00	131,594.12		S
S26	1B														
* 25	5B & 6B	PLAINFIELD AVENUE - ROUTE 35 (DUALIZED)	MIDDLESEX	6.313	0.035			6.348	574,179.28		574,179.28	502,106.47	72,072.81		S
25	5	SHOULDER PAVING, DAYTON	MIDDLESEX		0.644			0.644	23,568.39		23,568.39		23,568.39		S
25	8E	RAHWAY - ELIZABETH (WIDENING)	UNION	2.337				2.337	89,482.11		89,482.11	80,642.00	8,840.11		N
25	30	PASSAIC RIVER BRIDGE (STRUCTURAL STEEL)	HUD.& ESS.							1,089,423.35	1,089,423.35	1,071,420.31	18,003.04		BR
25	30C	PASSAIC RIVER BRIDGE (DECK & APPROACHES)	HUDSON) ESSEX)	0.445 0.445				0.890	109,355.20	138,110.98	247,466.18	242,527.10	4,939.08		BR
25	32	NECK LANE - PORT ST., NEWARK (GRADING)	ESSEX) UNION)				2.873 0.404	3.277	388,672.41		388,672.41	334,932.11	53,740.30		N
25	33	DEANS - CRANBURY (DUAL GRADING)	MIDDLESEX				6.253	6.253	169,694.09		169,694.09	160,650.00	9,044.09		S
**28	22	LEBANON RELOCATION (DUAL GRADING)	HUNTERDON				2.850	2.850	85,288.12		85,288.12	74,300.00	10,988.12		S
28	23	ANNANDALE RELOCATION (DUAL GRADING)	HUNTERDON				1.752	1.752	230,830.85	43,024.70	273,855.55		188,374.70	85,480.85	S
28	24	VAN SYCKLES CORNER - WHITE HOUSE (DUAL GRAD.)	HUNTERDON				3.453	3.453	174,517.30		174,517.30	18,650.00	92,020.00	63,847.30	S
28	25	WHITE HOUSE - NORTH BRANCH (DUAL GRADING)	HUNTERDON) SOMERSET)				2.214 2.213	4.427	191,769.36	6,911.72	198,681.08	85,511.72	99,834.79	13,334.57	S
28	26	NORTH BRANCH - SOMERVILLE (DUAL GRADING)	SOMERSET				2.841	2.841	83,118.77		83,118.77	48,900.00	34,218.77		S
28-29	1														
29	2D	MORRIS AVENUE - RAHWAY RIVER (DUALIZED)	UNION	2.745				2.745	357,714.09	48,767.61	406,481.70	5,969.63	394,428.52	6,083.55	N
29	2E	RAHWAY RIVER - WESTFIELD AVENUE (DUALIZED)	UNION	1.472				1.472	283,842.39	113,584.05	397,426.44		385,278.85	12,147.59	N
29	3B,1C,2C	PUBLIC SERVICE RAILWAY - MORRIS AVE. (DUALIZED)	UNION	2.574				2.574	314,550.99		314,550.99	271,650.59	42,900.40		N
**29	6A	S. MAIN ST., LAMBERTVILLE (DUALIZED)	HUNTERDON	0.697				0.697	162,152.19	7,073.00	169,225.19	1,750.00	167,475.19		S
S31	4	BRANCHVILLE RELOCATION	SUSSEX	1.520				1.520	250,390.26	25,597.68	275,987.94	263,864.29	12,123.65		N
33-35	1	ROUTE 33 - ASBURY AVENUE (GRADING)	MONMOUTH				2.799	2.799	198,753.09		198,753.09	54,300.00	123,800.00	20,653.09	S
35-4N	1	WEST LONG BRANCH CONNECTION (GRADING)	MONMOUTH	0.331	0.076		1.611	2.018	171,691.49	6,788.01	178,479.50	36,866.20	141,613.30		S
35	12B&13B	SMITH ST. - GREEN ST. (WIDENING)	MIDDLESEX	2.949				2.949	84,524.92		84,524.92	83,500.00	1,024.92		S
35	14B	SO. APPROACH TO RARITAN RIVER BRIDGE	MIDDLESEX	ROADSIDE IMPROVEMENT					13,443.62		13,443.62	10,850.00	2,593.62		S
39	1B,10A	WHITE HORSE - BORDENTOWN (DUALIZED)	BURLINGTON) MERCER)	2.246 0.579				2.825	295,203.30	52,432.81	347,636.11	10,816.74	285,416.07	51,403.30	S
S41	2A, 3A	ROUTE 38 - KRESSON (DUALIZED)	BURLINGTON	6.980				6.980	481,979.12		481,979.12	477,820.00	4,159.12		S
44	8	BRIDGEPORT BYPASS	GLOUCESTER	1.015				1.015	81,422.23		81,422.23	77,500.00	3,922.23		S
44	8	RACCOON CREEK BRIDGE	GLOUCESTER							318,024.22	318,024.22	311,601.25	6,422.97		BR
44	9	WESTVILLE - PIERCE'S CORNER (GRADING)	GLOUCESTER				3.203	3.203	208,006.95	21,791.00	229,797.95		159,091.00	70,706.95	S
44	10	BRIDGEPORT - NORTONVILLE	GLOUCESTER	2.873				2.873	259,600.39	34,742.22	294,342.61	32,430.00	261,912.61		S
45		RACCOON CREEK BRIDGE	GLOUCESTER							36,850.53	36,850.53	35,337.82	1,512.71		BR
49	16	SOUTH DENNIS RELOCATION	CAPE MAY	1.147				1.147	164,509.07	60,027.91	224,536.98	190,927.91	33,609.07		S
54	1	HAMMONTON - BUENA (W.P.A.)	ATLANTIC			7.165		7.165	298,621.43	68,294.85	366,916.28	188,166.78	178,749.50		S
FAS	7C(1)	ALLAMUCHY-HACKETTSTOWN ROAD, SEC. 2	WARREN	3.007				3.007	155,925.59	2,209.70	158,135.29	144,223.57	13,911.72		N
FAS	14B(1)	STOCKTON-FLEMINGTON ROAD, SEC. 2	HUNTERDON		2.390			2.390	49,201.52		49,201.52	4,715.00	44,486.52		S
FAS	18A(1)	PITTSTOWN-JUTLAND ROAD, SEC. 2	HUNTERDON		1.340			1.340	21,865.39		21,865.39	20,400.00	1,465.39		S
FAS	156C(1)	MONMOUTH ROAD, SEC. 3	OCEAN	0.017		4.635		4.652	36,227.60	6,158.48	42,386.08	37,228.58	5,157.50		S
FAGM	24A(1)	P-R S.L. OVERPASS, FRANKLIN AVE., BERLIN	CAMDEN	0.022		0.306		0.328	22,260.71	33,461.24	55,721.95	16,129.54	39,592.41		S
		RAILROAD CROSSING PROTECTION							34,722.88		34,722.88	25,616.26	2,131.96	6,974.66	BR
		STATE HIGHWAY PROJECTS COMPLETED IN 1941		50.108	2.323	7.165	19.417	79.013	$6,081,504.76	$2,255,212.13	$8,336,716.89	$7,045,739.59	$1,290,977.30		
		STATE HIGHWAY PROJECTS CARRIED INTO 1942		11.634			18.489	30.123	$3,400,175.99	$425,323.37	$3,825,499.36	$594,287.50	$2,860,602.15	$370,609.71	
		SECONDARY PROJECTS COMPLETED IN 1941		3.046	3.730	4.941		11.717	$285,480.81	$41,829.42	$327,310.23	$222,696.69	$104,613.54		
		SECONDARY PROJECTS CARRIED INTO 1942							$34,722.88		$34,722.88	$25,616.26	$2,131.96	$6,974.66	
		GRAND TOTAL		64.788	6.053	12.106	37.906	120.853	$9,801,884.44	$2,722,364.92	$12,524,249.36	$7,888,340.04	$4,258,321.95	$377,584.37	

* TO ADJUST COSTS OF WORK COMPLETED BY MAINTENANCE DIVISION IN 1940
** INCLUDES ADDITIONAL COMPENSATION APPROPRIATED BY 1942 LEGISLATURE

NEW JERSEY STATE HIGHWAY DEPARTMENT
CONSTRUCTION DIVISION
CONTRACTS AWARDED IN 1941

ROUTE	SEC.	LOCATION	COUNTY	TYPE OF PAVEMENT - MILEAGES				TOTAL MILEAGE	ADJUSTED CONTRACT AMOUNTS			AMOUNT COMPLETED IN 1941	AMOUNT TO COMPLETE IN 1942	DIST.
				CONCRETE	BIT. CONC.	GRAVEL	GRADING		ROAD	BRIDGE	TOTAL			
1		N. Y. S & W R R OVERPASS, FAIRVIEW	BERGEN	0.110				0.110	10,804.25	61,597.45	72,401.70	4,932.90	67,468.80	BR.
2	6B	HILLSIDE AV-TERRACE AV, HASBROUCK HTS.	BERGEN	ROADSIDE IMPROVEMENT					11,758.39		11,758.39	11,758.39		N
S3	1	ERIE R.R. & BERRYS CREEK VIADUCT	BERGEN							689,539.50	689,539.50		689,539.50	BR.
S3	1C	EMBANKMENT APPROACH TO VIADUCT	BERGEN				0.177	0.177	15,077.09		15,077.09	15,077.09		N
S3	3	VALLEY RD - PASSAIC AV, CLIFTON (GRADING)	PASSAIC				3.155	3.155	200,491.83		200,491.83	161,335.63	39,156.20	N
4	1B	SOUTH AMBOY - CHEESEQUAKE (DUALIZED)	MIDDLESEX	2.761				2.761	317,795.36	44,949.25	362,744.61	165,693.50	197,051.11	S
4	41A	GORDON'S CORNER - BROWNTOWN	MON.&MID.					5.148	21,742.83		21,742.83	8,952.63	12,790.20	S
4	42A	CHEESEQUAKE - BROWNTOWN	MIDDLESEX	3.146				3.146	336,891.80	111,469.49	448,361.29	422,794.49	25,566.80	S
4		CONNECTION TO SOMERS PT. CIRCLE	ATLANTIC	0.738				0.738	72,703.06		72,703.06	72,703.06		S
6	21A	DENVILLE RELOCATION (DUAL PAVING)	MORRIS	1.082				1.082	230,030.64	94,855.21	324,885.85	314,291.81	10,594.04	N
25	7B	RAHWAY - WOODBRIDGE (WIDENING)	UNION)	1.026				2.921	151,294.01		151,294.01	147,354.10	3,939.91	N
			MIDDLESEX)	1.895										
25	26C	ROBBINSVILLE - HIGHTSTOWN	MERCER	CENTER ISLAND CURBING					73,785.38		73,785.38	73,785.38		S
25	30	REMOVAL OF OLD PASSAIC RIVER BRIDGE	ESSEX*HUD.							87,753.28	87,753.28	87,665.53	87.75	BR.
25	33A	DEANS - CRANBURY (DUAL PAVING)	MIDDLESEX	6.377				6.377	667,739.48	180,966.20	848,705.68	803,966.20	44,739.48	S
25	34	NEWARK VIADUCT (EMBANKMENT WIDENING)	ESSEX				2.012	2.012	209,200.26		209,200.26	94,022.03	115,178.23	N
28	22A	LEBANON RELOCATION (DUAL PAVING)	HUNTERDON	2.846				2.846	438,056.81	47,533.56	485,590.37		485,590.37	S
28	24A&25A	WHITE HOUSE RELOCATION (DUAL PAVING)	HUNTERDON	1.782				1.782	296,966.45		296,966.45		296,966.45	S
28	25B&26A	NORTH BRANCH RELOCATION (DUAL PAVING)	SOMERSET	2.200				2.200	511,636.00		511,636.00		511,636.00	S
28-24	2	STRAW CHURCH - ROUTE 24	WARREN	ROADSIDE IMPROVEMENT					7,771.95		7,771.95	7,771.95		S
33-35	1A&2	ANDERSONS CORNER - ASBURY AV. CIRCLE	MONMOUTH	2.039	0.760		0.967	3.766	216,717.80		216,717.80	134,300.00	82,417.80	S
35	38	CHEESEQUAKE CREEK BRIDGE	MIDDLESEX							942,893.70	942,893.70	63,923.90	878,969.80	BR.
35	38A	MORGAN - LAURENCE HARBOR (DUALIZE)	MIDDLESEX	1.269				1.269	481,168.89		481,168.89		481,168.89	S
35-4N	1A	W. LONG BRANCH CONNECTION (PAVING)	MONMOUTH	1.090	0.572			1.662	76,381.79		76,381.79	76,381.79		S
38	3A	IMPROVING INTERSECTIONS NEAR MT. HOLLY	BURLINGTON	0.292				0.292	28,017.15		28,017.15	28,017.15		S
38	4	ROUTE 34 TO ROUTE 35	MONMOUTH			3.364		3.364	197,243.47	15,821.54	213,065.01	213,065.01		S
S41	3B&4A	KRESSON - BERLIN (DUALIZED)	BURLINGTON)	0.032				5.996	423,649.74		423,649.74	423,649.74		S
			CAMDEN)	5.964										
43&47	10&9	LINDENWOLD & HURFFVILLE DRAINAGE	CAM. & GLOU.						9,255.20		9,255.20		9,255.20	S
44	12	PENNSVILLE - HOOK ROAD	SALEM	1.980				1.980	134,527.70		134,527.70	134,527.70		S
45		NEWTON CR. BRIDGE NORTH APPROACH	CAMDEN	0.182				0.182	9,369.50	48,428.25	57,797.75		57,797.75	S
45	17	BIG TIMBER CR. BRIDGE NORTH APPROACH	CAMDEN		0.139			0.139	26,633.91	36,115.20	62,749.11		62,749.11	S
47	8	MALAGA BRANCH BRIDGE	GLOUCESTER							9,774.48	9,774.48		9,774.48	BR.
54	1	OVERPASS OF ROUTE 42	ATLANTIC							59,273.58	59,273.58		59,273.58	BR.
		FEDERAL PROJECTS (SECONDARY ROADS)												
FAS	23A(2)	CUTHBERT ROAD EXTENSION	CAMDEN	1.524				1.524	71,215.06		71,215.06	71,215.06		S
FAS	40A(1)	OLD YORK ROAD	BURLINGTON			5.760		5.760	37,231.10		37,231.10	32,550.00	4,681.10	S
FAS	41A(1)	LAUREL LAKE BRIDGE	CAMDEN							30,241.55	30,241.55	30,241.55		BR.
FAS	42A(1)	LAMBERTVILLE - BAPTISTOWN RD., SEC. 5	HUNTERDON		3.199			3.199	79,361.03		79,361.03	79,361.03		S
FAS	43A(1)	BRUNSWICK PIKE ROAD, SECT. 1	HUNTERDON		2.840			2.840	84,298.75		84,298.75	84,298.75		S
FAS	45A(1)	WILEY ROAD, SECTION 2	SALEM			0.712		0.712	15,014.30	23,187.80	38,202.10	38,202.10		S
FAS	47A(1)	RACCOON CR. BRIDGE & APPROACHES	GLOUCESTER		0.187			0.187	16,984.50	50,266.00	67,250.50	50,729.40	16,521.10	BR.
FAS	48A(1)	KINGWOOD - BYRAM ROAD SECTION 5	HUNTERDON		1.199			1.199	41,326.95		41,326.95		41,326.95	S
FAS	50A(1)	51A(1), 52A(1) - (3 BRIDGES)	SALEM							62,534.30	62,534.30	62,534.30		BR.
FAS	52B(1)	CHURCH BRIDGE #1116	SALEM							6,231.55	6,231.55	6,231.55		BR.
FAS	55A(1)	56A(1), 57A(1), 58A(1), (5 BRIDGES)	BURLINGTON							69,253.09	69,253.09	45,142.10	24,110.99	BR.
FAGM	6B(1)	P-R S. L. - HADDON AVENUE, BERLIN	CAMDEN	0.425		0.101		0.526	73,731.06	164,758.25	238,489.31	238,489.31		S
FAGM	30-(1)	D. L. & W. - DANFORTH ROAD, MADISON	MORRIS		0.170			0.170	22,096.14	46,236.34	68,332.48	68,013.13	319.35	BR.
FAGM	31-(1)	D. L. & W. - RIVERVIEW DR., TOTOWA	PASSAIC		0.300			0.300	43,384.83	125,827.93	169,212.76	52,668.05	116,544.71	BR.
FAGS	27A(1)	C. R. R. N. J. - WEST AVE. SEWAREN	MIDDLESEX		0.340			0.340	63,443.99	143,889.94	207,333.93	175,545.19	31,788.74	BR.
		STATE HIGHWAY PROJECTS COMPLETED IN 1941		8.116	6.572	3.364	0.177	12.229	906,388.02	15,821.54	922,209.56	922,209.56		
		STATE HIGHWAY PROJECTS CARRIED INTO 1942		28.695	0.899		6.134	35.728	4,270,322.72	2,415,149.15	6,685,471.87	2,409,232.72	4,276,239.15	
		SECONDARY PROJECTS COMPLETED IN 1941		1.949	6.039	0.813		8.801	323,620.20	286,953.45	610,573.65	610,573.65		
		SECONDARY PROJECTS CARRIED INTO 1942			2.196	5.760		7.956	224,467.51	435,473.30	659,940.81	424,647.87	235,292.94	
		GRAND TOTAL		38.760	9.706	9.937	6.311	64.714	5,724,798.45	3,153,397.44	8,878,195.89	4,366,663.80	4,511,532.09	

* A N N U A L R E P O R T *

YEAR 1941.

STATE HIGHWAY DEPARTMENT

NORTHERN DISTRICT

C. A. Burn, District Engineer.

Annual Report,
Northern District.

Mr. C. F. Bedwell,
Construction Engineer,
Trenton, N. J.

Dear Sir:

I am submitting herewith the Annual Report of the Northern Construction District for the year 1941.

Yours very truly,

C. A. Burn,
DISTRICT ENGINEER.

MJC

* ORGANIZATION CHART *

Northern Construction District 1941.

District Office

C.A. Burn,
Dist.Engineer

- F.W. Tooker,
  Office Engr.
- F.W. Bird,
  Div. Auditor
- Mgt. M. Hennessy,
  Sr. Clk. Stenog.
- Mary J. Craig,
  Sr. Clk. Stenog.
- Helen Glickman
  Clerk
- Joseph Cortese
  Div. Chauffeur

Field Offices

- F.E. Beck, Res. Engr.
  Rt. 6, Sec. 8A & 8B,
  Rt. 6, Sec. 13
- R.M. Beck, Field Engr.
  Rt. 25, Sec. 34,
  Rt. 29, Sec. 2D
- J.H. Driscoll, Sr. C.E.
  All WPA Projects
- W.A. Kays, Sr. C.E.
  Rt. 25, Sec. 8E
  Rt. 25, Sec. 32
  Rt. 29, Sec. 2E
- S.W. Maulbeck, Res. Engr.
  Rt. 25, Sec. 7B & 30C,
  Rt. 29, Sec. 3B, 1C & 2C
  C.R.R.of N.J.West Ave.,Sewaren
- A.A. Paul, Sr. C.E.
  Rt. 2, Sec. 6B,
  Rt. 6, Sec. 11, 11A,
  Rt. 6, Sec. 11B & 12A,
  Rt. 6, Sec. 21A,
  Rt. 23, Sec. 12E
  D.L.&W. R.R. Danforth Rd.,Madison
- David Pettigrew, Res.Engr.
  Rt. 1, Sec. 9B,
  Rt. 1, N.Y.S.&W. R.R.,Fairview
  Rt. S3, Sec. 1A, 1B, 1C
- Maurice Radus, S. C.E.
  Rt. S-3, Sec. 3,
  Rt. 6, Sec. 8 & 9,4 Bridge App.
  Rt. 6, Sec. 9
  Rt. 6, Sec. 9, Water Conduits
- C.E. Vanderhoof, Sr. C.E.
  Rt. 23, Sec. 8B,
  Rt. S31, Sec. 4,
  Allamuchy-Hackettstown Rd. Sec.2,
  D.L.& W.R.R.Riverview Dr.,Totowa

CONSTRUCTION PROJECTS COMPLETED IN 1941

CONTRACTS LET IN 1938.

Route	Section	Local Name
6	11	Troy Brook to Passaic River, Grading

CONTRACTS LET IN 1939.

6	8 & 9	Road Work at Four Bridges
6	11-A	Troy Brook to Bloomfield Avenue
25	32	Port Street to Neck Lane
S-31	4	Branchville Relocation

CONTRACTS LET IN 1940.

1	9-B	Danforth Ave., Hudson Co. Boulevard at 63rd St.
6	9	Water Conduit Relocation
6	11B & 12A	Relocation at Pine Brook Bridge
6	13	Parsippany-Troy Hill
23	8B	L.& N.E. Railroad Grade Crossing Elimination
23	12E	Traffic Circle Revision at Peck's Corner
25	8E	East Grand Ave., Elizabeth Traffic Circle
25	30C	Passaic River Bridge & Approaches
29	3B,1C & 2C	Public Service Railway to Morris Avenue
County Road, Sec. 2		Allamuchy-Hackettstown Rd.

CONTRACTS LET IN 1941.

2	6-B	Hillside Ave. to Terrace Ave.,Roadside Improvement
S3	1-C	Approach to Viaduct over Erie Railroad Grading

NORTHERN CONSTRUCTION DISTRICT - CONTRACTS COMPLETED IN 1941.

Route	Section	Local Name	County	Type of Pavement & Mileage: Reinf. Conc.	Bit. Conc.	Total	Adjusted Contract Amount	Amount Completed in 1938,1939 & 1940	Amount Completed in 1941
					CONTRACTS LET IN 1938				
6	11	Troy Brook-Passaic River	Morris	Grading Only			133,959.53	132,315.58	1,643.95
					CONTRACTS LET IN 1939				
6	8 & 9	Road Work at Four Bridges	Passaic	(0.96)	(0.36)	(1.32)	On Ramps		
				0.19		0.19	230,520.50	226,930.19	3,590.31
6	11A	Troy Brook to Bloomfld Ave.	Morris &Essex	2.93		2.93	366,823.00	345,462.10	21,360.90
25	32	Port St. to Neck Lane	Essex & Union	Grading Only			388,672.41	334,932.11	53,740.30
S31	4	Branchville Relocation	Sussex	1.52		1.52	250,390.26	238,266.61	12,123.65
				4.64		4.64	1,236,406.17	1,145,591.01	90,815.16
					CONTRACTS LET IN 1940				
1	9B	Danforth Av.,Hudson Co.Blvd.	Hudson		1.07	1.07	54,854.02	9,474.21	45,379.81
6	9	Reconstructing Water Conduits	Passaic	No Paving			88,242.49	51,651.71	36,590.78
6	11B,12A	Relocation at Pine Brook Bridge	Mor.&Essex	0.95		0.95	105,078.06	103,634.77	1,443.29
6	13	Parsippany-Troy Hills	Morris	2.74		2.74	360,736.29	334,941.77	25,794.52
23	8B	L.& N.E.R.R. Grade Separation	Sussex	0.45		0.45	108,119.40	51,971.09	56,148.31
23	12E	Traffic Cir.Rev.,Peck's Corner	Morris	0.11		0.11	16,013.48	12,724.00	3,289.48
25	8E	E.Grand Ave.,Elizabeth Traf.Cir.	Union	2.34		2.34	89,482.11	80,642.00	8,840.11
25	30C	Passaic Riv. Bridge & App.	Hud.&Essex	0.89		0.89	109,355.20	108,131.95	1,223.25
29	3B,16& 2C	P.S.Elec.Railwy to Morris Av.	Union	2.57		2.57	314,550.99	271,650.59	42,900.40
				10.05	1.07	11.12	1,246,432.04	1,024,822.09	221,609.95
County State Aid. FAS-8C (1)Sec.2		Allamuchy-Hackettstown	Warren	3.01		3.01	155,925.59	142,013.87	13,911.72
					CONTRACTS LET IN 1941				
2	6B	Hillside Ave. to Terrace Ave.	Bergen	Planting			11,758.39		11,758.39
S3	1C	Easterly Approach to Viaduct	Bergen	Grading Only			15,077.09		15,077.09
							26,835.48		26,835.48

UNCOMPLETED CONTRACTS CARRIED INTO 1942

CONTRACTS LET in 1939.

Route	Section	Local Name	Percentage Completed
6	9	Union Avenue to Valley Road	96.7

CONTRACTS LET IN 1940.

S-3	1A	Route 3 to Route 2	89.9
6	8A & 8B	Lexington Ave.-Valley Road	97.6
29	2D	Morris Ave. to Rahway River	98.3

CONTRACTS LET IN 1941.

1	Overpass N.Y. S. & W. Railroad Bridge Approaches		5.6
S3	1B	Approaches to Erie Railroad Overpass, Grading	97.0
S3	3	Valley Road to Passaic Ave.,Grading	80.7
6	21A	Denville Relocation, Paving	95.7
25	7B	Widening Rahway to Woodbridge	97.3
25	34	Embankment Widening, Grading	45.0
29	2E	Rahway River to Westfield Ave.	95.8

Grade Crossing Eliminations on Other Than State Highways.

D.L.& W. Railroad, Danforth Rd., Madison	99.6
D.L.& W. R.R. Riverview Drive, Totowa	30.7
C.R.R. of N.J. West Ave., Sewaren	51.2

NORTHERN CONSTRUCTION DISTRICT - PROJECTS UNCOMPLETED AT THE END OF 1941

Route	Section	Local Name	County	Type of Pavement & Mileage: Reinf. Conc.	Bit. Conc.	Total	Adjusted Contract Amount	Amount Completed to Dec. 31, 1941	Amount Carried into 1942
					CONTRACTS LET IN 1939				
6	9	Union Ave. to Valley Road	Passaic	Grading	& Drainage		238,937.75	231,128.59	7,809.16
					CONTRACTS LET IN 1940				
S3	1A	Route 3 to Route 2	Bergen	1.46		1.46	220,095.11	197,941.27	22,153.84
6	8A,8B	Lexington Ave.-Valley Road	Passaic	2.97		2.97	500,583.37	487,984.82	12,598.55
29	2D	Morris Ave. to Rahway River	Union	2.75		2.75	357,714.09	351,630.54	6,083.55
				7.18		7.18	1,078,392.57	1,037,556.63	40,835.94
					CONTRACTS LET IN 1941				
1		Widening Overpass,N.Y.S.&W. R.R. App.	Bergen	0.11		0.11	10,804.25	826.60	9,977.65
S3	1B	Approaches Erie R.R.Overpass	Bergen	Grading			201,301.00	196,910.04	4,390.96
S3	3	Valley Road to Passaic Ave.	Passaic	Grading			200,491.83	161,335.63	39,156.20
6	21A	Denville Relocation	Morris	1.06		1.06	230,030.64	220,063.77	9,966.87
25	7B	Widening Rahway & Woodbridge	Union&Middsex	2.92		2.92	151,294.01	147,354.10	3,939.91
25	34	Embankment Widening	Essex	Grading			209,200.26	94,022.03	115,178.23
29	2F	Rahway River to Westfield Ave.	Union	1.47		1.47	283,842.39	271,694.80	12,147.59
				5.56		5.56	1,286,964.38	1,092,206.97	194,757.41
Grade Crossing Eliminations Not on State Highways.									
FAGS 27A (1)		C.R.R. of N.J. West Ave.,Sewaren	Middlesex		0.34	0.34	63,443.99	32,485.29	30,958.70
FAGM 30 (C)		D.L.& W.R.R. Danforth Ave.,Madison	Morris		0.17	0.17	22,096.14	21,776.79	319.35
FAGM 31 (1)		D.L.& W.R.R. Riverview Dr.,Totowa	Passaic		0.30	0.30	43,384.83	18,028.55	25,356.28
					0.81	0.81	128,924.96	72,290.63	56,634.33

SUMMARY OF ROAD CONSTRUCTION PERFORMED IN THE NORTHERN DISTRICT ON THE

NEW JERSEY STATE HIGHWAY SYSTEM DURING 1941

	Pavement & Mileage			
	Rein. Conc.	Bit. Conc.	Total	Contract Value of Work Performed in 1941
CONTRACT WORK STARTED IN 1938 - COMPLETED IN 1941	Grading			1,643.95
" " " " 1939 - " " 1941	4.64		4.64	90,815.13
" " " " 1940 - " " 1941	10.05	1.07	11.12	221,609.95
COUNTY STATE AID WORK - 1940 - " " 1941	3.01		3.01	13,911.72
CONTRACT WORK STARTED IN 1941 - " " 1941	Grading - Planting			26,835.48
" " " " 1939 - UNCOMPLETED 1941	Grading - Drainage			34,514.76
" " " " 1940 - " 1941	7.18		7.18	873,933.06
" " " " 1941 - " 1941	5.56		5.56	1,092,206.97
GRADE CROSS. ELIM. WORK STARTED IN 1941 - UNCOMPLETED 1941		0.81	0.81	72,290.63
TOTALS ---	30.44	1.88	32.32	2,427,761.68

ROUTE #1, OVERPASS AT N.Y.S. & W. RR at Fairview,

Bergen County.

Bridge and Approaches Fed.Aid Proj. SN-FAGM-144 B (1)ON

General Contractor:	J. P. Burns.
Bonding Company:	Seaboard Surety Co.
Resident Engineer:	David Pettigrew.

Length of Project:	578.4 ft. -0 .109 miles.
Length, Type & Depth of pavement:	515 s.y.of 10" RC Road Pav. Surface, 212 s.y.of Bridge Approach Slabs
Right of Way:	66 feet.

Plans and Specifications approved by S.H.C.	July 17, 1941.
Contract awarded:	June 24, 1941.
Date contract executed:	July 18, 1941.
Contract date for starting work:	Aug. 2, 1941.
Date work actually started:	Aug. 4, 1941.
Contract time for completion:	120 working days.
Time used to date:	27 " "
Percentage completed to date:	5.6%

Total amount of contract (including bridge)	72,401.70
Amount of contract (Road work):	10,804.25
Amount completed to date: (Total Rd. & Br.)	4,084 .60
Amount to be completed:	68,317.10

At present the bridge is narrow and is on the important Route #1, which connects the area near the George Washington Bridge to the southern part of Hudson County. It is proposed to widen the bridge on the east side to eliminate the bottle-neck at this location. The contract awarded on June 24th, 1941 but due to the Defense Program it was impossible to get steel on time so very little has been done this year. At present the Contractor is constructing foundations for the Bridge abutments and piers. On Road items, only 7.8% has been done. On Bridge items only 5.3% has been done.

ROUTE 1, SECTION 9-B

Danforth Ave. to Hudson Co. Blvd. at 63rd St.
Bayonne and Jersey City, Hudson Co.

WPA Proj. 1014-9-37 P52

General Contractor:	J.P. Burns
Bonding Company:	Seaboard Surety Co.
Resident Engineer:	David Pettigrew

Length of Project:	5642 Ft. - 1.069 Mi.
Length of WPA Project:	" "
Grading, Drainage & Paving	3" Penetration with 1" A or T Top
	232+49 to 281+65 40' Pavement 10' Shoulders
	281+65 to 288+79 40' " 10' Sidewalks
Right of Way:	120 Ft., 80 Ft., 60 Ft.

Plans and Specifications Approved by S.H.C.:	July 31, 1940
Date Contract Awarded:	September 10, 1940
Date Contract Executed:	September 14, 1940
Contract Date for Starting:	September 28, 1940
Date Work Actually Started:	September 25, 1940
Contract Time for Completion:	80 Working Days
Extensions:	12 " "
Time Consumed:	92 " "
Date of Completion:	July 23, 1941
Total Man-hours of Contract:	72,127
Total Man-hours Consumed:	60,793
Percentage Man-hours Used:	84%
Accepted by S.H.C.:	October 8, 1941

Original Amount of Contract:	$51,943.27
Reductions:	424.31
Extras & Supplementals:	3,335.06
Revised Contract Amount, Final:	54,854.02

This section is from Danforth Ave. (Route 1) to Hudson County Boulevard at 63rd Street, Bayonne. The borrow, excavation and drainage structures were constructed during the latter months of 1940. During the winter months no work was done. Work resumed in the Spring of 1941, the pavement consisting of 5" Macadam Foundation, 3" Penetration with a 1" Type "A" Top Surface was completed on July 23, 1941. This was a WPA Project and gave work to an average of 80 men daily.

ROUTE 2, SECTION 6-B,

Roadside Improvement, Hillside Ave. to Terrace Ave.
Bergen County

F.A. Proj. 87A (2) & 87C (2).

General Contractor:	Meadow Brook Nurseries, Inc.
Bonding Company:	Royal Indemnity Co.
Resident Engineer:	A.A. Paul

Length of Project:	3745 l.f. - 0.709 mi.
Length of F.A.Proj. 87-A (2):	2494.0 l.f. - 0.472 mi.
Length of F.A.Proj. 87-C (2):	1251.0 l.f. - 0.237 mi.

Plans & Specifications Approved by S.H.C.	June 3rd, 1941
Date Contract Awarded:	July 1st, 1941
Date Contract Executed:	July 15th, 1941
Contract Date for Starting Work:	August 7th, 1941
Date Work Actually Started:	July 29th, 1941
Contract Time for Completion:	60 Working Days after Sept. 1, 1941.
Total Working Days Used:	38 Working Days
Date Contract Completed:	December 3, 1941
Accepted by State Highway Commissioner:	January 6th, 1942.

Total Amount of Original Contract:	$12,387.48
Amount of Extra Work:	4.40
Amount of Reductions:	633.49
Adjusted Contract Amount, Final:	11,758.39

This project begins at a point on Route 2 about 240 ft. ± south of Hillside Ave. and extends in a northerly direction along Route 2 to a point 550 ft.± north of Terrace Ave.

The work consists of planting the slopes and island areas in the Route 2 - Route 6 and Terrace Ave. Grade Separations with shade trees, small and flowering trees, shrubs and vines.

The areas of the islands outside the limits of the plant beds were rough graded to eliminate numerous depressions caused by peat fires and were topsoiled and seeded.

Work on the rough grading was started on July 29, 1941, and proceeded together with the topsoiling and seeding, until September 15, 1941, when it was necessary to shut down until the deciduous trees and shrubs became dormant.

Work on the planting operation was resumed on October 23, 1941, and the entire contract was finally completed on December 3, 1941.

ROUTE S-3 SECTION 1-A, Paving Rt.2 to Rt.3,

Bergen County.

Non Federal Aid East Rutherford & Rutherford.

General Contractors:	LaFera-Grecco Cont. Co.
Bonding Company:	Standard Accident Ins.Co.
Resident Engineer:	David Pettigrew.
Length of Project:	7716 ft. - 1.461 miles.
Grading,drainage & Pavement:	48' 10"R.C.Pav.6'island,10' improved should. 120'total graded width, 38' & 20' of 10"R.C.Pav. on ramps.
Right of way:	120 feet.
Plans and Specifications approved by S.H.C.	July 31, 1940.
Date contract awarded:	Aug. 20, 1940.
Date contract executed:	Aug. 23, 1940.
Contract date for starting:	Sept.19, 1940.
Date work actually started:	Sept. 3, 1940.
Contract time for completion:	120 working days
Extensions:	36 " "
Time consumed to date:	146½ " "
Original contract amount:	223,155.83
Extras & Supplementals to date:	4,851.09
Reductions to date:	7,911.81
Revised contract amount to date:	220,095.11
Amount completed to date:	197,941.27
Amount to be completed:	22,153.84
Percenta e completed:	89.93%

All of this construction work is across the Hackensack meadow lands. Work on this contract was started Sept. 3, 1940 and 25.2% was done during that year, including concrete pavement and excavation from a point west of the Erie R.R. to a point to the west near Meadow Road in Rutherford. At present this contract is practically completed, the only items to be done are some wire rope railing, topsoiling & seeding. It is proposed to do most of this work in the Spring of 1942.

ROUTE S-3, SECTION 1-B

Approaches to Viaduct over Berry's Creek,
East Rutherford & Rutherford, N. J.
Bergen County

Non Federal Aid

General Contractor:	S.J. Groves & Sons
Bonding Company:	Royal Indemnity Company
Resident Engineer:	David Pettigrew

Length of Project:	2000 ft. - 0.379 mi.
Grading:	100 ft. wide - average
Right of Way:	120 ft.

Plans and Specifications Approved by S.H.C.	December 6, 1940
Date Contract Awarded:	December 27, 1940
Date Contract Executed:	January 2, 1941
Contract Date for Starting:	February 10, 1941
Date Work Actually Started:	February 14, 1941
Contract Time for Completion:	100 Working Days
Extensions:	130 " "
Working Days Consumed:	216½ " "
Percent Completed to Date:	97%

Total Amount of Original Contract:	$135,941.00
Extras & Supplementals to Date:	78,310.00
Reductions to Date:	12,950.00
Revised Contract Amount to Date:	201,301.00
Amount Completed to Date:	196,910.04
Amount to be Completed:	4,390.96

This Contract was for the embankment approaches to viaduct over Berry's Creek and Erie Railroad and is across part of the Hackensack Meadows. The intention was to excavate the meadow silt or mud to a clay line and backfill with borrow material.

As the work progressed it was found that the fill material permeated into the clay and also caused mud-waves which reached a distance of about 400 ft. each side of the centerline. On the north side it completely filled a mosquito ditch located 350 ft. from the centerline. This ditch was later relocated 550 ft. from the centerline.

West and adjacent to the Erie Railroad tracks was a large ditch which drained an area to the north, wherein is located the Sewerage Disposal Plant for Woodridge, Carlstadt and East Rutherford; also, this ditch is the outlet for all the mosquito ditches in this area. As the fill operations progressed it was found that the pushed material was filling this ditch; also that the Erie Mainline Tracks showed a slight movement. To relieve the pressure on the Erie tracks and keep this ditch open it was decided to excavate the pushed material from the ditch by crane and trucks. Construction of this section started February, 1941, and operations continued throughout the summer months. It was first assumed that fill operations would be completed July 4, 1941, but due to

numerous settlements of the fill, where at one time we had a direct settlement of about 15 feet, and constant smaller settlements, the fill operations continued through the year. Due to fill settlements and pushed material on each side, it was necessary to place an additional 120,000 cubic yards of Borrow Excavation over the contract amount.

At present this work is 95% to 98% completed and it is proposed in the early months of next year to clean the Berry's Creek Channel and excavate the end of the fill so that the proposed Viaduct over the Erie Railroad can be constructed.

ROUTE S-3, SECTION 1-C

East Approaches to Berry's Creek Viaduct, Completion of Embankment, East Rutherford, N.J.

Bergen County

Non Federal Aid

General Contractor:	Mazzoni Construction Co., Inc.
Bonding Company:	Aetna Casualty & Surety Co.
Resident Engineer:	David Pettigrew
Length of Project:	934 Feet, 0.177 Miles
Grading:	Placing of Embankment to Grade
Right of Way:	120 Feet
Plans and Specifications Approved by S.H.C.;	April 2, 1941
Date Contract Awarded:	April 29, 1941
Date Contract Executed:	May 5, 1941
Contract Date for Starting:	May 22, 1941
Date Actually Started:	May 15, 1941
Contract Time for Completion:	30 Working Days
Time Consumed:	26 Working Days
Date of Completion:	July 7, 1941
Accepted by S.H.C.:	July 15, 1941
Total Amount of Contract (Original):	$15,309.29
Total Reduction:	232.20
Revised Contract Amount; Final:	15,077.09

This Section was necessitated because of a change in grade, made by the Bridge Department, of the proposed viaduct over the main line of the Erie Railroad and Berry's Creek. The Contract had only one item, Borrow, and was placed on the end of the fill East of the Erie Railroad.

The Contract amount was 35,603 cu.yds. of Borrow and 35,063 cu.yds. was placed.

ROUTE S-3, SECTION 3

Valley Road to Passaic Avenue
In the City of Clifton and the County of Passaic

W.P.A. 1027-16-60 P-55

General Contractor:	Santaniello Bros.
Bonding Company:	Aetna Casualty & Surety Co.
Engineer in Charge:	Maurice Radus

Length of Project:		16,450.32' - 3.115 miles
Lengths, Types & Depths of Pavements:		
	Main Highway	Grading Only
	Ramps & Intersections:	Grading Only
Widths:	Earth & Rock Cuts:	94' Present.
	Earth & Rock Cuts:	118' Future.
Right of Way is 180' Plus Slope Rights: Wider at Ramps & Intersections.		
Shoulders:		10' & 5' Graded Only. Under future porous material earth and red shale.

Plans & Specifications Approved by S.H.C.:	January 14, 1941
Date Contract Awarded:	March 4, 1941
Date Contract Executed:	March 10, 1941
Contract Date for Starting Work:	March 21, 1941
Date Work Actually Started:	March 27, 1941
Contract Time for Completion:	160 Working Days
Extensions Granted:	2 Working Days
Total Working Days Used to Date:	124 Working Days
Percentage Completed to Date:	80.67 Percent

Total Amount of Original Contract:	$199,456.90
Amount of Extras & Supplementals:	1,034.93
Amount of Reductions:	None
Adjusted Contract Amount:	200,491.83
Amount of Contract Completed to Date:	161,335.63
Amount of Contract to be Completed:	39,156.20
Manhours in Original Contract:	295,033
Manhours Used to December 31, 1941	124,100

This Section begins east of Valley Road in the City of Clifton at Route 6, and runs in a southeasterly direction over new right-of-way and terminates at the westerly side of Passaic Avenue in the City of Clifton. This highway will cross under Grove Street, over Broad Street, under Hepburn Road, over Bloomfield Avenue and over the Newark Branch of the Erie Railroad. No work is to be done at these locations under this contract, but contracts for bridges at these locations will be let at some future date. The Contractor began clearing site and stripping topsoil in the spring and followed through with earth and rock excavation and placing fills with borrow. Drainage work was started as soon as possible. All earth and rock excavation is now completed. The Contractor is now engaged in drainage work and trimming and topsoiling slopes. Weather permitting, the Contractor intends to carry on operations all winter.

ROUTE 6, SECTIONS 8 & 9

Four Bridges -- Roadway Work

Overpass at Lower Notch Road. Underpass at Mountain Ave. Overpass at Valley Road. Overpass at Route S-3 Westbound. In the Township of Little Falls, Boro of West Paterson, City of Clifton. Passaic County.

P.W.A. Project No. N.J. 1365 3F

General Contractor:	Geo. M. Brewster & Son, Inc.
Bonding Company:	U.S. Guarantee Co.
Sub-Contractor: Curb and Sidewalk.	Frapaul Construction Co.
Engineer in Charge: Roadwork.	Maurice Radus.

Length of Project:	Four Bridge Sites and Connecting Ramps and Streets.
Type of Pavement:	6001 Feet of 10" Reinf. Conc.Pavt. 100 Feet of 18" R.C.Bridge App. Slabs. 187 Feet of FABC-1 on 7" Mac.Found. 1691 Feet of FABC-1 on 7" Bit.Pen. Macadam.

Plans and Specifications Approved by S.H.C.	March 21, 1939.
Date Contract Awarded:	April 18, 1939.
Date Contract Executed:	April 20, 1939.
Contract Date for Starting Work:	April 24, 1939.
Date Actually Started, Road Work:	April 26, 1939.
Contract Time for Completion: Bridges & Road Work:	250 Calendar Days.
Extensions Granted: Road Work:	105 Working Days.
Working Days Used on Extension; Road Work:	84 Working Days.
Date of Completion:	May 26, 1941.
Accepted by S.H.C.	June 3, 1941.

Original Contract Amount; Bridges and Road Work:	$314,404.32
Original Contract Amount; Bridges:	186,413.55
Original Contract Amount; Road Work:	127,990.77
Extra Work & Supplemental Agreements; Road Work:	107,436.35
Reductions; Road Work:	4,906.62
Adjusted Final Contract Amount; Road Work:	230,520.50

A complete description of this contract was given in the 1939 Annual Report. Work was resumed in 1940 and carried on at various intervals during the year to stop on Nov. 9, 1940. Work was again resumed on April 4, 1941, and carried on to completion on May 26, 1941, when all curbing, re-seeding, top-soiling and incidental work was finished.

ROUTE 6, SECTIONS 8-A & 8-B

Lexington Avenue - Valley Road,
City of Clifton

Passaic County

F.A.Project 131-G (2)

General Contractor:	LaFera-Grecco Contracting Co.
Bonding Company:	Standard Accident Insurance
Resident Engineer in Charge:	F.E. Beck

Length of Project:	16,534.29 Feet - 3.131 Miles
Federal Aid Length of Project:	16,007.72 Feet - 3.031 Miles
Lengths, Types & Depths of Pavement:	15,341.72 - 10" R.C.
	250 18" Br.App. Slabs
	526.57 Bridges(Existing)
	326 Existing Pavement (Center Island Construction)
	16,534.29'
Ramps & Intersections:	Variable
Center Island:	6'-19.5' in Width
Right of Way 116 ' & Slope rights. Wider	at ramps and intersections.
Shoulders:	1700' Improved 10' & variable.
Subgrade:	Sand, Clay & Red Sandstone
Main Highway	24'- 32' Concrete

Plans and Specifications Approved by S.H.C.	September 24, 1940
Date Contract Awarded:	October 15, 1940
Date Contract Executed:	October 18, 1940
Contract Date for Starting Work:	November 7, 1940
Date Actually Started	November 18, 1940
Contract Time for Completion:	140 Working Days
Extensions:	21 Working Days
Total Days Used to December 31, 1941:	150 Working Days
Percent Completed to December 31, 1941:	97.6%

Amount of Total Contract:	$538,800.00
Amount of Bridge Items:	53,173.50
Amount of Contract (Road)	485,626.50
Amount of Reductions:	1,711.92
Amount of Extras:	16,668.79

DRainage items were cleaned up during winter months. On this project to eliminate ice hazard from melting snow it was decided to dish center island, install basins therein where there were cross drains available and also to construct each roadway with a crown.

Paving operations started April 21st, and were carried on without interruption until completion September 13th. A 34-E Paver was used permitting batches of 9 bags (instead of the usual 7) in the paving operations which increased production. In the Spring the Contractor will have to rake, fertilize and seed topsoil areas in island areas.

ROUTE 6, SECTION 9,

Union Avenue to Valley Road

In the Borough of Totowa, Township of Little Falls, Borough of West Paterson and City of Clifton. County of Passaic.

W.P.A. 1014-16-42 P-28.

General Contractor:	Santaniello Bros.
Bonding Company:	Aetna Casualty & Surety Co.
Engineer in Charge:	Maurice Radus

Length of Project:	13,075.39' - 2.476 Mi.
Length, Types & Depths of Pavements:	
Main Highway.	Grading and Drainage.
Ramps & Intersections:	Grading & Drainage with the exception of Lower Notch Road which is relocated and paved for a distance of 1120 Ft. with 7" Pen.Macadam Pavement.
Widths:	Rock Cuts Graded 118'-128'.
	Earth Cuts & Fills Graded 126' - 136'
R.O.W. is 150' Plus Slope Rights:	Wider at Ramps & Intersections.
Shoulders:	Graded 10'
Subgrade:	Earth, Clay, Trap Rock & Red Sandstone.

Plans & Specifications approved by S.H.C.	September 6, 1939
Date Contract Awarded:	October 13, 1939
Date Contract Executed:	October 17, 1939
Contract Date for Starting Work:	November 5, 1939
Date Work Actually Started:	October 30, 1939
Contract Time for Completion:	240 Working Days
Extensions Granted:	140 Working Days
Total Working Days Used to Date:	379 Working Days
Percentage Completed to Date:	96.71 Percent.
Manhours in Original Contract:	638,809
Total Manhours Used:	665,262
Semi-Final Acceptance by State Highway Commissioner:	January 6, 1942

Total Amount of Original Contract (Incl.Bridges):	$249,419.50
Minus Bridges:	16,493.50
Total Amount of Original Contract:(Road Items)	232,925.69
Amount of Extras & Supplementals:	6,056.06
Amount of Reductions:	44.00
Adjusted Contract Amount:	238,937.75
Amount of Contract Completed to Date:	231,128.59
Amount of Contract to be Completed:	7,809.16

A complete description of this contract was given in the 1939 Annual Report. Contractor continued operations on drainage, grading, topsoiling and clean up. Work was completed in December, 1941. Some retopsoiling and reseeding will have to be done in the Spring of 1942.

The manhours of W.P.A. Labor allocated to this Project were expended as of October 16, 1941. In view of the fact that the Project had not been completed at that time the Contractor is finishing the remaining items of work with his own forces and has filed a claim to cover cost of same.

ROUTE 6, SECTION 9.

Valley Road, Clifton - Little Falls Station

Relocation and Reconstruction of Newark and Passaic Valley Water Mains at McBride Avenue, Lower Notch Road and Notch Road in the Township of Little Falls and the Borough of West Paterson.

Passaic County.

Non Federal Aid.

General Contractor:	Santaniello Bros.
Bonding Company:	Aetna Casualty & Surety Co.
Engineer in Charge:	Maurice Radus

Length of Project:	Three Locations as Listed Above.
Types and Sizes of Water Mains: Final Lengths:	1209 Ft. 42" Elec.Welded Steel
	1047.5 Ft. 48" " " "
	1569.5 Ft. 51" " " "

Plans and Specifications Approved by S.H.C.	April 4, 1940
Date Contract Awarded:	May 28, 1940
Date Contract Executed:	June 4, 1940
Contract Date for Starting Work:	Sept. 9, 1940
Date Actually Started:	Sept. 11, 1940
Contract Time for Completion:	90 Working Days
Extensions Granted:	8 Working Days
Working Days Used:	98 Working Days
Date of Completion:	July 1, 1941
Accepted by S.H.C.	July 15, 1941

Total Amount of Original Contract:	$85,663.30
Extra Work and Supplemental Agreements:	4,103.87
Reductions:	1,524.78
Adjusted Contract Amount: Final.	88,242.49

A complete description of this contract was given in the 1940 Annual Report. Work was carried on throughout the winter months and water main pipe work was completed February 20, 1941. Construction of manholes, vaults and other incidental work continued to completion on July 1, 1941.

ROUTE 6, SECTION 11

Troy Brook to Passaic River
In the Townships of Parsippany - Troy Hills and Montville,
Morris County

Fed.Aid Proj. 88-D

General Contractor:	Gray Construction Company
Bonding Company:	U.S. Fidelity & Guaranty Co.
Sub-Contractors:	None
Resident Engineer:	A.A. Paul

Length of Project:		13,650 ft. - 2.585 Mi.
Length of Fed.Aid Proj. 88-D		13,030 ft. - 2.468 Mi.
Type of Pavement:		None, Grading & Drainage Only.
Width:	Graded:	80'
	Right-of-Way	120'
Subgrade:		Sand & Gravel

Plans & Specifications Approved by S.H.C.	December 7, 1937
Date Contract Awarded:	January 11, 1938
Date Contract Executed:	January 26, 1938
Contract Date for Starting Work:	February 5, 1938
Date Work Actually Started:	January 19, 1938
Contract Time for Completion:	130 Working Days after May 1, 1938
Extensions Granted:	26 Working Days
Total Working Days Used:	156 Working Days
Date Contract Completed:	June 18, 1941
Accepted by State Highway Commissioner:	July 8, 1941

Total Amount of Original Contract:	$125,626.64
Amount of Extra & Supplemental Work:	11,327.58
Amount of Reductions:	2,994.69
Adjusted Contract Amount, Final:	133,959.53

A complete description of this Project was given in the 1938 Annual Report. The Project was completed in 1939 with the exception of an amount equivalent to $0.05 per square yard which was retained to cover the cost of reseeding the areas where the grass failed to grow due to extremely dry hot weather.

It was decided to do this work at the completion of the paving contract on Route 6, Section 11-A, and the reseeding was finally completed on June 18, 1941.

ROUTE 6, SECTION 11-A

Troy Brook to Bloomfield Avenue,
In the Townships of Parsippany, Troy Hills,
Montville and Caldwell
Morris and Essex Counties

F.A. Project 88-D (2)

General Contractor:	Gray Construction Co.
Bonding Company:	Seaboard Surety Co.
Sub-Contractors:	Pasquale Camillo
Bonding Company:	Globe Indemnity Co.
Resident Engineer:	A.A. Paul

Length of Project incl. Bridges:	15,966.67 l.f. - 3.024 mi.
" " " excl. "	15,465.19 l.f. - 2.929 mi.
Length of F.A. Project 88-D (2):	13,759.12 l.f. - 2.605 mi.

Pavement: Length, Type, Depths:

Main Highway.

14,758.22 ft. of 10" R.C. Pavement Surface
250.00 " " 18" R.C. Bridge Approach Slabs
595.00± " Bridges
15,603.22 ft. Total

Intersections.

1560 ft. ± of 7" Hot Application Penetration Macadam Pavement
375 ft. ± of 10" R.C. Pavement Surface

Widths: Pavement: Main Highway - 40 Ft., 64 ft. and 22 ft. Eastbound, 26 ft. westbound on Bloomfield Ave. Grade Separation. Intersections- 15 ft., 20 ft., 24 ft., 30 ft.

Graded Widths: 80 ft. to 120 ft.

Right of Way: 120 ft. plus variable additional width at Bloomfield Ave. Intersection and Grade Separation.

Shoulders: Improved Shoulders 8" average thickness, 2 ft. wide on each side of the centerline island and 10 ft. wide on each side of the pavement.

Subgrade: Sand and Gravel
18" layer of bankrun gravel throughout the Project.

Plans and Specifications Approved by S.H.C.:	February 3, 1939
Date Contract Awarded:	February 27, 1939
Date Contract Executed:	March 14, 1939
Contract Date for Starting Work:	April 3, 1939
Date Work Actually Started:	April 20, 1939
Contract Time for Completion	140 Working Days after May 1, 1939
Extensions Granted:	54 " "
Total Working Days Used:	192 " "
Date Contract Completed:	June 18, 1941
Accepted by State Highway Commissioner:	July 8, 1941

ROUTE 6, SECTION 11-A

Total Amount of Original Contract:	$360,119.68
Amount of Extra & Supplemental Work:	17,293.65
Amount of Reductions:	10,590.33
Adjusted Contract Amount, Final:	366,823.00

A complete description of this Project was given in the 1939 Annual Report. The Contractor was compelled to discontinue work on January 13, 1941, due to cold weather during the winter leaving the completion of the grading, topsoiling and seeding, precast concrete curb, Type RS, and concrete center island pavement to be completed in the spring.

Work was resumed on March 31, 1941, and the contract was finally completed on June 18, 1941.

ROUTE 6, SECTIONS 11-B & 12-A

Paving, Relocation at Pine Brook Bridge
In the Townships of Montville and Caldwell,
Morris & Essex Counties

F.A. Project 88-A (3)

General Contractor:	Joseph Nesto & Co.
Bonding Company:	Standard Accident Insurance Co.
Sub-Contractors: Drainage-	Cestone & Fastiggi Contg. Co.,Inc.
Curb & Center Island Pavement:	Frapaul Construction Co., Inc.
Resident Engineer:	A.A. Paul

Length of Project incl. Bridges:	5316.24 lin.ft. - 1.006 miles
" " " excl. "	5032.27 " " 0.953 "
Length of F.A.Proj. 88-A (3):	5316.24 " " 1.006 "

Pavement: Length, Type, Depths.

Main Highway

4982.27 ' of 10" R.C. Pavement Surface
532.00' of 8" Plain Conc. Pavement Surface
50.00' of 18" R.C. Bridge Approach Slabs
283.97' Bridges
5848.24' Total

Intersections

480.0' of 10" R.C. Pavement Surface
91.0' of 8" Plain Conc. Pavement Surface

Widths: Pavement: Main Highway 40', 54', 32' and 22' on Route 6 Westbound, and 26' and 22' on Route 6 Eastbound.
Intersections - 20'
Graded Widths - 120'
Right of Way 103', 110', 120' plus variable additional width at Bloomfield Ave. Grade Separation and intersection at existing Route 6.

Shoulders: Improved Shoulders 8" average thickness, 2' wide on each side of the center line island and 10' wide on each side of the pavement.

Subgrade: Clay and gravel, small quantity of sand.

Plans & Specifications Approved by S.H.C.	January 23, 1940
Date Contract Awarded:	February 20, 1940
Date Contract Executed:	February 29, 1940
Contract Date for Starting Work:	March 22, 1940
Date Work Actually Started:	April 1, 1940
Contract Time for Completion:	100 Working Days after April 30, 1940
Extensions Granted:	None
Total Working Days Used:	97 Working Days
Date Contract Completed:	May 21, 1941
Accepted by State Highway Commissioner:	May 27, 1941

ROUTE 6, SECTIONS 11-B & 12-A

Total Amount of Original Contract:	$104,108.46
Amount of Extra & Supplemental Work:	1,248.24
Amount of Reductions:	278.64
Adjusted Contract Amount, Final:	105,078.06

A complete description of this project was given in the 1940 Annual Report. All items of construction were completed before it was necessary for the Contractor to shut down for the winter on January 13, 1941, with the exception of a small quantity of excavation, the seeding of the topsoiled areas, sodding and Federal Project marker posts.

Work was resumed on these items on April 25, 1941, and the contract was finally completed on May 21, 1941.

ROUTE 6, SECTION 13.

Parsippany - Troy Hills Township
Mountain Lakes Boro, Denville Township
Morris County

Fed.Aid Proj. 88-E(1)

General Contractor:	LaFera-Grecco Contracting Co.
Bonding Company:	Standard Accident Insurance Co.
Resident Engineer:	F.E. Beck

Length of Project:	14,939.64 Ft. - 2.829 Mi.
Length of F.A. Project:	14,939.64 Ft. - 2.829 Mi.

Dualization of Present Road:

Pavement Length, Type & Depths:

14,443.59 Ft. of 10" R.C. Pavement Surface
496.05 Ft. of 7" Pen.Macadam Runoff
14,939.64 Ft. Total.

Widths:

Main Highway 40 Ft. & 44 Ft.
Intersections 32 Ft.
Graded Widths 80 Ft. to 90 Ft.
Right of Way 100 Ft. - 107 Ft.

Shoulders: Improved Shoulders 8" average thickness, 2 Ft. wide either side of Center Island and 10 Ft. wide on outside of concrete pavement.

Subgrade: Gravel, Sand.

Curbs: 6762 Ft. of Precast Concrete Curb, Type RS
9500 Ft. White Concrete Vertical Curb, Type RV
1183 Ft. Plain White Concrete Vertical

Plans & Specifications Approved by S.H.C.	December 18, 1939
Date Contract Awarded:	January 5, 1940
Date Contract Executed:	January 11, 1940
Contract Date for Starting Work:	February 2, 1940
Date Work Actually Started:	January 15, 1940
Contract Time for Completion:	150 Working Days
Extensions Granted:	21 Working Days
Total Working Days Used:	171 Working Days
Date Work Completed:	June 25, 1941
Accepted by the State Highway Commissioner:	July 15, 1941

Total Amount of Original Contract:	$356,999.99
Less Bridge:	13679.00
Original Contract Amount (Road):	343,320.99
Total Amount Reductions:	3,242.02
Total Amount Extras:	20,657.32
Adjusted Contract Amount (Final Road)	360,736.29

Early in April operations were resumed to construct Westbound Roadway under D.L. & W. R.R., a short portion of which the Contractor was unable to finish the previous season. This short section was entirely completed in early May.

ROUTE 6, SECTION 21-A

Paving, Denville Relocation in the Township of Denville
Morris County

Non Federal Aid.

General Contractor:	Union Bldg. & Const. Corp.
Bonding Company:	American Bonding Co.
Sub-Contractors:	None
Resident Engineer:	A.A. Paul

Length of Project incl. Bridges:	5714.01 l.f. - 1.082 mi.
" " " excl. "	5581.94 l.f. - 1.057 mi.

Pavement: Length, Type, Depths.

Main Highway

6080 ' of 10" R.C. Pavement Surface
100' of 18" R.C. Bridge Approach Slabs
156' of Bridges
560' of 1" Bitum.Conc. Pavt., Type A on 3" Modified Pen. Macadam Intermediate Course and 4" Plain Macadam Found. (Half width of road Sta. 222+60 to Sta. 228+20)
6986' Total

Intersections & Ramps

1596' of 10" R.C. Pavement Surface
709' of 2" Bit. Conc. Pavt., Type FABC-1 on 8" R.C. Pavt. Foundation.
174' of 1" Bitum. Conc. Pavt., Type A on 3" Modified Penet. Macadam Intermediate Course, and 4" Plain Macadam Found.
2479' Total

Widths: Pavement: Main Highway - 44', 54', 58' and 64' with variable widths at the Route 5-N Grade Separation and intersections. Intersections & Ramps: 20', 30'.

Graded Widths: 100', 110', variable.

Right-of-Way: 120' plus additional width at the Route 5-N Grade Separation and at intersections.

Shoulders: Improved Shoulders 8" average thickness 10' wide on each side of the main highway where intersections or grade separations are not involved. Large quantity also placed in driveways.

Subgrade: Sand & Gravel.
8" layer of bank run gravel subbase material throughout the project.

Plans & Specifications Approved by S.H.C.	March 8th, 1941
Date Contract Awarded:	June 17th, 1941
Date Contract Executed:	June 24th, 1941
Contract Date for Starting Work:	July 24th, 1941
Date Work Actually Started:	June 30th, 1941
Contract Time for Completion:	120 Working Days
Extensions Granted to Date:	9 " "
Total Working Days Used to Date:	108 " "
Percent Completed to Date:	95.67%

ROUTE 6, SECTION 21-A

Total Amount of Original Contract:	$316,524.21
Less Bridges:	94,646.63
Amount of Original Contract, Road:	221,877.58
Amount of Extra & Supplemental Work to Date:	9,096.60
Amount of Reductions to Date:	943.54
Adjusted Contract Amount:	230,030.64
Amount Completed to Date:	220,063.77
Amount to be Completed:	9,966.87

This project begins at a point on existing Route 6 about 250 feet west of Wallace Ave. and extends in an easterly direction through the Township of Denville to the intersection at Ridgewood Drive.

It is constructed on new right-of-way and is designed to by-pass the business section of Denville thereby eliminating considerable traffic congestion particularly during the summer months. The right-of-way was acquired during the construction of the grading contract on Route 6, Section 21, with the exception of two parcels at the westerly end of the job where the proposed access road to Picatinny Arsenal will join this section.

The work being performed consists of completion of the grading previously constructed on Route 6, Section 21, construction of concrete pavement on a bank-run gravel subbase, concrete curbing, drainage, improved shoulders, wire rope railing and incidental work.

A large bridge over Route 5-N, a bridge over Den Brook on Route 6, and an extension of the existing bridge over Den Brook on Route 5-N were included in the contract and are now completed.

Work on the drainage was started on June 30, 1941, and the grading operation on July 19, 1941.

The concrete pavement was started on August 13, 1941, and finally completed on November 11, 1941.

Some delay was caused by a major change in the design of the westerly end of the project to agree with the proposed construction of the access road to Picatinny Arsenal and it was necessary to shut down the paving operation from September 28, 1941 to October 16, 1941, partly because of this change and partly because of the difficulty of obtaining structural steel for the bridges.

Due to the unusually mild weather prevailing during the fall and winter, the Contractor has not as yet been compelled to discontinue his work and is at present constructing concrete curb and sidewalk.

It is expected that the pavement can be opened to traffic some time during January, 1942, if weather conditions permit.

ROUTE 23, SECTION 8-B

Lehigh & New England Grade Crossing Elim. near Sussex

Sussex County

Fed.Aid Proj. FAGH 82-A (2)

General Contractor:	Ell Dorer Contracting Co. & Jannarone Contracting Co.
Bonding Company:	Massachusetts Bonding & Insurance
Engineer in Charge:	C.E. Vanderhoof

Length of Project:	2718.73' - 0.515 Mi.
Length, Type & Depth of Pavement:	
2400 lin.ft. Divided Highway	48' - 9" R.C. Pavement
1851 sq.yds. Bit.Conc.Pavt. at Intersections & Crossovers, variable width.	
Width of Pavement:	20-54-64 Feet
Graded Width:	48-84 Feet
Right of Way Width:	120 Feet
Shoulders:	Improved 10 Feet Wide

Plans and Specifications Approved by S.H.C.	April 28, 1940
Contract Awarded:	July 1, 1940
Contract Executed:	July 9, 1940
Contract Starting Date:	July 29, 1940
Work Actually Started:	July 17, 1940
Contract Time for Completion:	180 Working Days
Total Working Days Used:	171 Working Days
Date of Completion:	October 20, 1941
Accepted by State Highway Commissioner:	November 6, 1941

Original Contract Amount:	$234,968.81
Less Amount of Bridge:	120,046.28
Original Amount of Road Contract:	114,922.53
Amount of Reductions:	9,014.79
Amount of Extras & Supplementals:	2,211.66
Adjusted Amount of Road Contract, Final:	108,119.40

This Project was described in the 1940 Annual Report. Placing of borrow in the approach embankments continued throughout the winter, weather permitting, and were completed so that concrete pavement operations were started on May 21, 1941, and completed June 27, 1941.

Due to delay in excavating Papakating Creek work was not completed until October 20, 1941.

ROUTE 23, SECTION 12-E
Revision of Traffic Circle at Peck's Corner,
Pompton Plains in the Township of Pequannock,
Morris County

Non Federal Aid.

General Contractor:	Union Bldg. & Constr. Corp.
Bonding Company:	American Bonding Co.
Resident Engineer:	A.A. Paul

Length of Project: 557 l.f. - 0.105 mi.

Pavement: Length, Type, Depths.

Main Highway
557 l.f. of 9" R.C. Pavement Surface

Intersections
250 l.f.± of 9" R.C. Pavement Surface

Widths:	Pavement:	Main Highway - 32' on southbound roadway only Intersections - 20 ' and variable.
	Graded Widths:	Variable in Traffic Circle
	Right-of-Way:	Variable, Project lies entirely within existing right-of-way.
Shoulders:	None/	
Subgrade:	Sand & Gravel.	

Plans & Specifications Approved by S.H.C.	September 4, 1940
Date Contract Awarded:	October 15, 1940
Date Contract Executed:	October 24, 1940
Contract Date for Starting Work:	November 7, 1940
Date Work Actually Started:	October 21, 1940
Contract Time for Completion:	40 Working Days
Extensions Granted:	None
Total Working Days Used:	28½ Working Days
Date Contract Completed:	May 19, 1941
Accepted by State Highway Commissioner:	May 27, 1941

Total Amount of Original Contract:	$ 16,188.54
Amount of Extra & Supplemental Work:	173.71
Amount of Reductions:	348.77
Adjusted Contract Amount, Final:	16,013.48

A complete description of this Project was given in the 1940 Annual Report. Work was discontinued on Dec. 21, 1940, because of cold weather and was resumed on April 28, 1941. The principal items completed during the Spring of 1941, consisted of topsoiling and seeding and construction of various types of curb.

ROUTE 25, SECTION 7-B, (Widening)

East Grand Avenue, Rahway to Woodbridge Cloverleaf

Townships of Rahway and Woodbridge, Union and Middlesex Counties

Non Federal Aid.

General Contractor:	Thomas Gallo
Bonding Company:	Standard Accident Insurance Co.
Resident Engineer:	S.W. Maulbeck

Length of Project:	15,422.61 lin.ft. or 2.921 miles		
Length, Type & Depth of Pavement:			
10" R.C. Pavement:	5.0' wide	2,157'	each side.
	7.0 "	339	" "
	10.5 "	2,769	replacement
	12.0 "	6,054	left side
	12.5 "	1,148	" "
	12.5 "	6,397	right side
	13.0 "	424	left side
	13.5 "	709	right side
	13.5 "	255	left side
8" R.C. Foundation:	5' to 12"	642	right & left
Widths Paved:	5'-7'-10.5'-12'-12.5'-13'-13.5'		
Subgrade:	Clayey Loam		
Widths Graded:	10'-15'-25'-30'		

Plans & Specifications Approved by S.H.C.:	April 29, 1941
Contract Awarded:	May 20, 1941
Date Contract Executed:	May 27, 1941
Contract Date for Starting Work:	June 15, 1941
Date Work Actually Started:	June 10, 1941
Contract Time for Completion:	100 Working Days
Extensions Granted:	5 " "
Adjusted Time for Completion:	105 " "
Working Days Used to Dec. 31, 1941:	95 " "
Working days Remaining:	10 " "
Completed to Date:	97.33%

Total Amount of Original Contract:	$152,239.60
Amount of Extras to Date:	11,720.39
Amount of Reductions to Date:	12,842.38
Revised Contract Amount(Semi-Final)	151,294.01
Amount of Work Completed:	147,354.10
Amount of Work to be Completed in 1942:	3,939.91

This Project concists of widening existing concrete pavement of 49.5' minimum on each side to obtain a minimum width of 74.0', together with curb construction. This provides a minimum of 32.0' each side of an island of a minimum width of 6.0', except at the Rahway River and the Pennsylvania Railroad Bridges where the width remains 50.0' or 24.0' roadway each side of a 2.0' island. The safety island is continuous throughout contract except at street intersections and important driveways.

ROUTE 25, SECTION 7-B, Widening.

Due to the exceedingly heavy traffic on this Project transit-mix concrete was specified. No detour being provided contract calls for two lanes of traffic on each side of safety island to be open to traffic except when actual concrete operations were in progress. The subgrade being of a water-bearing clayey loam, longitudinal stone drains were provided along entire Project together with lateral drains.

Concrete pavement operations started July 15, 1941, and were completed December 5, 1941.

The major item to be completed in 1942, is the topsoiling and seeding of slopes and shoulders.

ROUTE 25, SECTION 8-E

East Grand Avenue to Elizabeth Circle
Cities of Rahway and Linden, Union County

WPA Project 1014-20-31 P-44

General Contractor:	N.J. Asphalt & Paving Co.
Bonding Company:	Aetna Casualty & Surety Co.
Resident Engineer:	W.A. Kays

Length of Project:	12338 Ft. - 2.337 Mi.
Length of W.P.A. Project:	12338 Ft. - 2.337 Mi.
Length & Width	2.337 Mi. 80 Ft. Wide & 20 Ft.
Right of Way:	100 Ft.

Plans & Specifications Approved by S.H.C.	April 9, 1940
Date Contract Awarded:	May 28, 1940
Date Contract Executed:	June 6, 1940
Contract Date for Starting:	July 6, 1940
Date Work Actually Started:	July 9, 1940
Contract Time for Completion:	90 Working Days
Extensions Granted:	None
Adjusted Time for Completion:	90 Working Days
Time Consumed to Date:	88 Working Days
Contract Completed:	June 3, 1941
Accepted by State Highway Commissioner:	June 10, 1941
Total Manhours in Contract:	75152
Total Manhours Added:	2257.5
Total Manhours Reduced:	2478.5
Adjusted Manhours:	74930
Total Manhours Consumed:	74123

Original Contract Amount:	$81,380.03
Amount of Extra & Supplemental Work:	8,881.99
Amount of Reductions:	779.91
Adjusted Amount of Contract to Date:	89,482.11
Value of Work Completed to Date:	89,482.11

This Project was described in the 1940 Annual Report. It consisted mainly of the removal of the stone shoulders and replacing them with 10" R.C. Pavement and Curb. This widening gives two 32 foot roadways throughout the job.

The contract was practically completed in 1940 but due to the cold weather the area back of curb could not be properly graded. The Contractor agreed to return in the spring and topsoil and seed these areas. This work was completed June 3rd, 1941.

ROUTE 25, SECTION 30-C

Passaic River Bridge Deck and Approaches

Newark and Kearny - - Hudson and Essex Counties

Non Federal Aid

General Contractor:	LaFera-Grecco Contracting Co.
Bonding Company:	Standard Accident Insurance Co.
Resident Engineer:	S.W. Maulbeck

Length of Project:	4534.9 Lin.Ft. or 0.859 Miles		
Length, Type & Depth of Pavement:	10" R.C. Pavement	30 Ft. Wide	- 618 Ft.
		34 " "	3000 "
		44 " "	1300 "
			4918 "
	18" Br.App.Slabs	44 " "	50 "
	8" Conc.Found.	Variable	
Widths Paved:	30 Ft., 34 Ft., 44 Ft.		
Widths Graded:	40 Ft., 60 Ft., 50 Ft., 100 Ft.		

Plans & Specifications Approved by S.H.C.:	June 4, 1940
Contract Awarded:	June 25, 1940
Date Contract Executed:	June 28, 1940
Contract Date for Starting Work:	July 11, 1940
Date Work Actually Started:	July 11, 1940
Contract Date for Completion:	December 1, 1940
Extensions Granted:	3 Working Days
Extensions Granted:	To Early Spring of 1941
Contract Completed:	May 11, 1941
Accepted by State Highway Commissioner:	May 27, 1941

Total Amount of Original Contract (Incl.Bridge):	$244,000.00
" " " " " (Road):	105,889.02
Total Amount of Extras:	5,424.62
" " " Reductions:	1,958.44
Revised Contract Amount, Final Road:	109,355.20

Contract for this Project being let in 1940 is described in report for that year. Work carried over and completed in 1941 consisted of seeding slopes and shoulders and also laying precast curb and island pavement at Doremus Avenue and Jacobus Avenue which could not be done until Bridge was completed and traffic routed over same.

ROUTE 25, SECTION 32

Port Street to Neck Lane,
Newark and Elizabeth, Essex and Union Counties.

W.P.A. Project 1014-7-9 P-22 Essex County
1014-20-14 P-23 Union County

General Contractor:	Santaniello Bros.
Bonding Company:	Aetna Casualty & Surety
Resident Engineer:	W.A. Kays

Length of Project:	17,302 Ft. - 3.277 Miles
Length of W.P.A. Project:	17,302 Ft. 3.277 Miles
Grading Contract (Widening)	
Length & Width:	3.277 Mi. 96 to 270' Wide
Right of Way	186 Feet

Plans & Specifications Approved by S.H.C.	May 10, 1939
Date Contract Awarded:	June 13, 1939
Date Contract Executed:	June 13, 1939
Contract Date for Starting:	July 15, 1939
Date Work Actually Started:	July 10, 1939
Contract Time for Completion:	200 Working Days
Extensions Granted:	150 Working Days
Adjusted Time for Completion:	350 Working Days
Time Consumed to Date:	335½ Working Days
Date Work Was Completed:	May 19, 1941
Contract Accepted by State Highway Commissioner:	May 27, 1941
Total Manhours in Contract:	690,065
Total Manhours Added:	129,332
Adjusted Manhours	819,397
Total Manhours Consumed:	754,295

Original Contract Amount:	$336,242.90
Amount of Extras & Supplementals:	57,982.71
Amount of Reductions:	5,553.20
Adjusted Amount of Contract, Final:	388,672.41

This Project was started July 10th, 1939, and was described in the 1939 and 1940 Annual Reports.

During the construction of this section, test holes were dug in fills that had been made outside the original roadway embankment. A large portion of these fills were found to be garbage dumps. These tests showed that a bad state of decomposition existed throughout these areas and it was decided that this material would be undesirable under the proposed roadways. Therefore, the Contractor was ordered to remove this garbage and replace it with Borrow Excavation. A large portion of these refuse dumps were 10 to 12 feet in depth. Other areas within the limits of the proposed roadways were found to be garbage dumps, namely, Sta.498 to Sta. 506 on the north side, Sta. 549 to Sta. 570 on the northwest side, Sta.560 to 570 on the southeast side, and from Sta. 574 to Sta. 611 on the northwest side. In December, 1940, the Contractor was directed to proceed with the removal of refuse from these areas and replace it with Borrow Excavation as had been done at other locations.

ROUTE 25, SECTION 32

The last mentioned section was partly muck excavation approximately 25 feet wide and carried to hard bottom so as to give a stable fill outside the existing embankment for the support of the proposed roadway.

This work was completed May 19th, 1941.

ROUTE 25, SECTION 34,

Foundry St. to Port St., City of Newark, Essex County.

W.P.A. Project P-57.

General Contractors:	International Excavating Co.
Bonding Company:	Travellers Indemnity Co.
Engineer in Charge:	R.M. Beck

Plans and Specifications Approved by S.H.C.	March 18, 1941
Date Contract Awarded:	June 10, 1941
Date Contract Executed:	June 20, 1941
Contract Time for Starting:	July 21, 1941
Date Actually Started:	July 25, 1941
Contract Time for Completion:	120 Working Days
Extensions Granted:	14 Working Days
Adjusted Time for Completion:	134 Working Days
Working Days Used to Date:	105 Working Days
Working Days Remaining in Contract:	29 Working Days
Percentage Completed to Date:	45%

Length of Project:	10,625 lin.ft. or 2.012 Miles
Type of Work:	(Construction of Roadway Embankment)
Widths:	Fills Granded 66 Feet Intersections Graded to Various Widths as Required.

Right of Way Width varies between 360 Feet and 60 Feet.

Total Amount of Original Contract:	$199,578.00
Extra Work:	10,497.76
Reductions:	875.50
Adjusted Contract Amount:	209,200.26
Amount of Contract Completed to Date:	94,022.03
Amount of Contract to be Completed:	115,178.23

This Project consists of the construction of roadway embankment at six different locations between Port St. and Pulaski Skyway an over all length of 2.012 miles in the City of Newark and is preliminary to the ultimate construction of viaducts and bridges to comprise a relief highway for Route 25 between the above stated limits. This work has been set up as a W.P.A. Project. 109,560 manhours has been allotted, but with a reduction and extra we are now allotted 115,165 manhours for the completion of it. To date approximately 33,000 manhours have been expended in placing 171,400 cubic yards of embankment material. The construction progress has been somewhat less than the theoretical, because of the lack of Right of Way limiting the working areas. One location at Roanoke Street was made available at the time contract work was started on July 25, 1941. The second parcel west of Delancy St. was made available Aug. 5, 1941, and two additional parcels, Port St. and Foundry St. were made available on Nov. 3, 1941. The parcel east of Delancy St. was made available to the Contractor Dec. 9, 1941 and City property west of Wilson Ave. is still in the process of Right of Way negotiation.

ROUTE 29, SECTION 2-D

Morris Avenue to Rahway River, Union County

Federal Aid Project 178-C (1)

General Contractors:	LaFera-Grecco Contracting Co.
Bonding Company:	Standard Accident Ins. Co.
Engineer in Charge:	R.M. Beck

Length of Project:	14,492 l.f. - 2.745 miles
Length of F.A. Project:	14,322 l.f. - 2.713 miles

Length, Width, Type and Depth of Pavement:

10" R.C. Pavement.

8506 l.f. 24' wide Westbound Roadway
3735 l.f. 24' " Connections between east and westbound
845 l.f. 30' " East and westbound ramps
950 l.f. 12' " to 33' widening on north and south sides
2800 l.f. 5' " to 32' average 22' widening on south side
16836 l.f.

10" Plain Concrete Pavement. 252 l.f. average width 7'

18" R.C. Bridge Approach Slab. 100 l.f. 30' wide
50 l.f. 34' wide
150 l.f. Total

2" FABC-1 on 8" R.C. Foundation Pavement.

7526 lin.ft. 9' average width, Intersections.
860 " " 16' wide- Turnoffs
8386 " " Total

1" Bit.Conc. Type A on 7" Mod.Pen.Mac.Base.

115 lin.ft. - Varied Width at Intersections.

8" R.C. Pavement Surface.

1466 lin.ft. 40' wide Rosemont Ave. Relocation
610 " " 30' wide Rosemont Ave. Relocation (Connections)

Right of Way Widths:

Westbound Roadway 74 feet
Eastbound Roadway 75 feet
Rosemont Ave. Relocation 60 feet

Right of Way varies between 95' and 240' between Morris Ave. and Rosemont Ave. Between Rosemont Ave. and Station 338+0, R.O.W. varies between 75' and 110', widening out at intersections.

Graded Widths:

Westbound Roadway 60 feet
Double Roadway between Rosemont Ave. and Station 338+0, graded width varies between 70 feet and 100 feet.

ROUTE 29, SECTION 2-D

Improved Shoulders:	10' wide, average depth 8"
Subgrade:	Gravel

Plans and Specifications Approved by S.H.C.:	July 23, 1940
Date Contract Awarded:	October 15, 1940
Date Contract Executed:	October 18, 1940
Contract Date for Starting Work:	November 7, 1940
Date Actually Started:	December 14, 1940
Contract Time for Completion:	140 Working Days
Extensions Granted:	7 Working Days
Adjusted Time for Completion:	147 Working Days
Days Used to Date:	139½ Working Days
Days Remaining:	7½ Working Days
Completed to Date:	98.30%

Total Amount of Contract (Including Bridge):	$401,000.00
Total Amount of Contract (Road):	351,855.16
Reductions:	758.62
Extras:	6,617.55
Adjusted Amount of Contract (Road):	357,714.09
Amount Completed to Date:	351,630.54
Amount to be Completed:	6,083.55

This Project was fully described in the 1940 Report. The work under the contract has been completed during the year. A small amount will be retained from the final estimate to cover area of seeding which will require reseeding during the Spring of 1942.

ROUTE 29, SECTION 2-E

Townships of Springfield and Mountainside, Union County

Federal Aid Project 178-D (1)

General Contractor:	Franklin Contracting Co.
Bonding Company:	Standard Accident Insurance Co.
Resident Engineer:	W.A. Kays

Length of Project: 7775 lin.ft. - 1.472 miles

Main Highway:

7658.4	lin.ft.	10" R.C. Pavement Surface 20' to 40' wide
100	" "	18" R.C. Bridge Approach Slabs 30' to 32' wide
108.6	" "	Bridges
7867	" "	Total

Springfield Avenue:

1073.6	lin.ft.	10" R.C. Pavement Surface 42' wide
50.0	" "	18" R.C. Bridge Approach Slabs 42' wide
126.4	" "	Bridge
1250	" "	Total

Cross-overs.

1483 lin.ft. 10" R.C. Pavement Surface 24' wide

Main Pavement at Intersections.

3718 lin.ft. 8" R.C. Base with FABC-1 Surface 10' to 20' wide

Ramps.

4276 lin.ft. 10" R.C. Pavement Surface 20' to 30' wide

Shoulders.

Improved Shoulders (Stone) 8" Average Thickness 10' wide each side of pavt.

Subgrade.

Gravel (8" depth)

Plans and Specifications Approved by S.H.C.:	November 19, 1940
Date Contract Awarded:	December 23, 1940
Date Contract Executed:	January 10, 1941
Contract Date for Starting Work:	February 3, 1941
Date Actually Started: Road Work:	February 4, 1941
Contract Time for Completion:	140 working days
Extensions granted:	2 " "
Total Working Days Used to Date:	119 " "
Percentage Completed to Date:	95.8 " "

Total Amount of Original Contract (Incl.Bridges):	$399,285.29
" " Bridges	113,584.05
Total Amount of Original Contract (Road Items)	285,701.24
Extra Work and Supplemental Agreements:	12,370.87
Reductions:	14,229.72
Adjusted Contract Amount (Road Items)	283,842.39
Amount of Contract Completed to Date:	271,694.80
Amount of Contract to Complete:	12,147.59

ROUTE 29, SECTION 2-E

This project which extends from the Rahway River to Westfield Avenue, Mountainside is the conversion of this section into a dual highway by utilizing the existing pavement as the eastbound roadway and constructing the westbound roadway at the east end of the contract about 235 feet north of the old right of way thereby not disturbing existing houses and business places on the old road.

These widely separated roadways converge to a central section where a grade separation was constructed carrying South Springfield Avenue over Route 29. In this area the existing 29 foot pavement was widened 10 feet to 20 feet on each side and a center island, 4 to 6 feet in width, constructed. At the westerly end of the project is a grade separation where the westbound roadway is carried over northbound Westfield Avenue.

The new alignment of the westbound roadway required the construction of a bridge over the Rahway River and a 10 foot culvert at the relocation of a brook just west of the Rahway River.

Between this culvert and Hillside Avenue the property owner had constructed field drains due to a wet condition. In order to have these drains function properly where the highway crossed them, the storm sewer through this area was constructed as a combination drain and the field drains were connected with it.

The new construction gives two roadways with a width of 21.5 to 32 feet of concrete pavement, the narrower widths having a 10 foot improved shoulder except at intersections where an 8" base with FABC top was constructed to make it full width paving.

Gravel subbase material 8" deep was used under all pavement that was built on new alignment and stone drains were constructed along all areas where the existing pavement was widened.

Due to the fact that this section of highway will be lighted the precast sloping curb was changed to poured in place sloping curb, thereby making a considerable saving in cost.

The construction of this section is completed with the exception of some curb at islands, concrete steps, headwalls, guardrail and topsoiling and seeding that could not be completed due to cold weather.

ROUTE 29, SECTIONS 3B, 1C & 2C (Widening)

Public Service Electric Railroad to Morris Avenue.
Hillside & Union Townships, Union County

Federal Aid Project 178 B (1).

General Contractor:	Franklin Contracting Company
Bonding Company:	Standard Accident Insurance Co.
Sub-contractor: (Excav.,Borrow, Subbase& Removal of Conc.Pavement)	Louis Zimmerman
Bonding Company:	Glen Falls Indemnity
Resident Engineer:	S.W. Maulbeck

Length of Project: 13,589.13 lin.ft. or 2.574 miles

Length, Type & Depth of Pavement:

10" R.C. Pavement	10' wide	-	4460	feet each side
	15' "	-	872	" " "
	20' "	-	582	" " "
	30' "	-	3535	"
	40' "	-	770	"
	50' "	-	295	"
			10269	"
10" P.C. Pavement:	10' "		82	"
8" R.C.Pavt.Foundation	5' to 20' wide		2790	feet
18" Br.App. Slabs	30' wide	-	100	"
	40' "	-	50	"
	50' "	-	50	"

2" Bit.Conc.Pavement FA-BC-1, 5' to 20' wide - 2790 feet

Widths Paved: 5'-10'-15'-20'-30'-40'-50'

Widths Graded: 45'-50'-60'-75'-100'

Plans & Specifications Approved by S.H.C.	Jan. 23, 1940
Contract Awarded:	Feb. 20, 1940
Dated Contract Executed:	Mar. 1, 1940
Contract Date for Starting Work:	Mar. 22, 1940
Date Work Actually Started:	Mar. 13, 1940
Contract Time for Completion:	130 Working Days After 4-30-40
Extensions Granted:	$10\frac{1}{2}$ " "
Total Working Days Used:	$140\frac{1}{2}$ " "
Work Completed:	July 10, 1941
Accepted by State Highway Commissioner:	July 29, 1941

Total Amount of Original Contract:	$313,852.53
Total Amount of Extras:	14,578.21
Total Amount of Reductions:	13,879.75
Adjusted Contract Amount (Final):	314,550.99

Contract for this Project being let in 1940, is described in report for that year. Work carried over and completed in 1941, consisted of completion of Hilldale Place and Vauxhall Road Approaches to Bridges.

ROUTE S-31, SECTION 4

Branchville Relocation, Sussex County

Federal Aid Project 101-C (1)

General Contractor:	Salmon Bros., Inc.
Bonding Company:	Standard Accident Insurance Co.
Engineer in Charge:	C.E. Vanderhoof

Length of Project:	1.516 miles - 8003.55'
Length, Type & Depth of Pavement:	
3150 lin.ft. Divided Highway	40 ft.- 9" R.C. Pavement
900 lin.ft. Single "	30 ft.- 9" R.C. Pavement
3850 lin.ft. Single "	20 ft.- 9" R.C. Pavement

With 2599 sq.yds. of Plain Concrete at Crossovers from single to divided highway 8" thick.

7" Bit. Conc. Pavt. -	345 lin.ft.	20 ft. wide	at Newton Road
7" " " "	600 " "	20 " "	" Morris Avenue
7" " " "	590 " "	20 " "	" Lake Kemah Road

Width of Pavement:	20, 30 & 40 Feet.
Graded Width:	88 to 120 Feet.
R.O.W. Width:	120 Feet.
Shoulders:	Improved 10 Ft. Wide

Plans and Specifications Approved by S.H.C.	June 27, 1939
Contract Awarded:	July 18, 1939
Contract Executed:	July 31, 1939
Contract Starting Date:	August 21, 1939
Work Actually Started:	July 25, 1939
Contract Time for Completion:	150 Working Days
Extensions Granted:	16 " "
Adjusted Time for Completion:	166 " "
Total Working Days Used:	139.5 " "
Date of Completion:	April 28, 1941
Accepted by State Highway Commissioner:	May 13, 1941

Original Contract Amount:	$257,510.50
Less Amount of Bridge:	22,741.00
Original Amount of Road Contract:	234,769.50
Amount of Reductions:	9,009.92
Amount of Extras & Supplementals:	24,630.68
Adjusted Amount of Road Contract, Final:	250,390.26

This Project was described in the 1939 Annual Report. All work was completed in 1940 with the exception of fertilizing and seeding a part of the topsoiled areas, this work being completed in April of this year.

ALLAMUCHY - HACKETTSTOWN ROAD, SECTION 2

Warren County

U.S. Public Works Project FAS-7C (1)

General Contractor:	Union Bldg. & Const. Co.
Bonding Company:	American Bonding Company
Sub-Contractor, Guard Rail:	Amodeo & Van Ostenbridge
Engineer in Charge:	C.E. Vanderhoof

Length of Project:	17,268.6 Ft. - 3.271 Mi.
Length, Type and Depth of Pavement:	
Sta. 129+0 to 230+0	10,100 Ft. 8" R.C. Pavement
Sta. 230+0 to 288+0	5,800 Ft. 8" R.C. Pavement
Sta. 288+0 to 301+68.6	1,368.6 Ft. 8" Bit.Surface Treated Gravel
Width of Pavement:	
Sta. 129+0 to 230+0	20 Ft.
Sta. 230+0 to 288+0	40 Ft.
Sta. 288+0 to 301+68.6	30 Ft.
Graded Width:	34 Ft. to 40 Ft.
Right of Way Width:	66 Ft.
Shoulders:	Earth 7 Ft. Wide

Plans and Specifications Approved by S.H.C.	February 6, 1940
Contract Awarded:	March 28, 1940
Date Contract Executed:	April 3, 1940
Contract Date for Starting Work:	May 1, 1940
Actually Started:	April 25, 1940
Contract Time for Completion:	140 Working Days
Total Working Days Used:	135½ " "
Date of Completion:	July 19, 1941
Accepted by State Highway Commissioner:	July 29, 1941

Original Contract Amount:	$161,019.93
Less Amount of Bridge:	2,204.54
Original Amount of Road Contract:	158,815.39
Amount of Extra Work:	1,054.09
Amount of Reductions:	3,943.89
Adjusted Amount of Road Contract, Final:	155,925.59

This Project was described in the 1940 Annual Report. Work carried over and completed in 1941, consisted of topsoiling and seeding, construction of guard rail and field fence and the oiling of gravel pavement.

D.L.& W. R.R. Grade Crossing Elimination
Danforth Road, Madison, in the Borough of Madison
Morris County

F.A. Project FAGM 30 (1)

General Contractor:	F.F. Baker
Bonding Company:	Seaboard Surety Co.
Sub-Contractors:	None
Resident Engineer:	A.A. Paul

Length of Project incl. Bridge:	1050 l.f. - 0.199 mi.
" " " excl. "	911.5 l.f. - 0.173 mi.
Length of F.A. Proj. FAGM 30 (1)	1050 l.f. - 0.199 mi.

Pavement: Length, Type, Depths:

Main Highway

911.5' of 2" Bit. Conc. Pavt., Type A on 6" Bit. Pen.Mac.Found.
138.5' Bridge
1050.0 Total

Intersections

110' of 2" Bit.Conc.Pavt.,Type A on 6" Bit.Pen.Mac.Found.

Widths: Pavement: Main Highway- Beginning of Project to 8+50-30'.
8+50 to 10+00 30' to 27'.
Intersections - 30'
Graded Widths: Beginning of Project to Beech Ave. -47'
Beech Ave. to end of Project- Variable.
Right-of-way: 50' plus slope easements.
Shoulders: None
Subgrade: Sand & Gravel
8" Layer of Bankrun Gravel Subbase Throughout the Project.

Plans & Specifications Approved by S.H.C.	February 25, 1941
Date Contract Awarded:	April 1, 1941
Date Contract Executed:	April 11, 1941
Contract Date for Starting Work:	May 2, 1941
Date Work Actually Started:	May 1, 1941
Contract Time for Completion:	130 Working Days
Extensions Granted to Date:	1 " "
Total Working Days Used to Date:	124 " "
Date Contract Completed, semi-final:	December 8, 1941
Percentage Completed to Date:	99.6%
Accepted by State Highway Commissioner, Semi-Final:	January 13, 1942.

Total Amount of Original Contract:	$69,994.66
Less Bridge:	47,595.43
Amount of Original Contract, Road:	22,399.23
Amount of Extra & Supplemental Work to Date:	294.90
Amount of Reductions to Date:	597.99
Adjusted Contract Amount, Semi-Final:	22,096.14
Amount to be Retained on Semi-Final Estimate:	319.35

D.L.& W. R.R. Grade Crossing Elimination
Danforth Road, Madison, in the Borough of Madison

This Project begins at a point in Danforth Road 185'± southwest of Fairwood Road, extends along Danforth Road in a northeasterly direction to the intersection of Rose Ave. and lies entirely within the Borough of Madison.

The work performed under this contract consists of the construction of a bridge over the tracks of the D.L. & W. Railroad thereby eliminating a dangerous grade crossing and includes the construction of the necessary approach road.

The principal items of construction on this roadway consist of Borrow, 2" Bit. Conc. Pavement, Type A on a 6" Bituminous Penetration Macadam Foundation with Plain Concrete Curbs and Sidewalk, Drainage and Wire Rope Railing.

Work on the drainage was started on May 1, 1941, and the embankment was started on August 4, 1941. The paving was started on Nov. 10, 1941, and completed on Nov. 29, 1941.

Considerable delay was experienced in the road work due to the difficulty in obtaining steel for the bridge as no embankment could be placed until the abutments were completed.

All items of construction on this project have been completed with the exception of the fertilizing and seeding and a small quantity of top-soiling. These items will be completed in the Spring of 1942, and have been retained on the semi-final estimate. The pavement was opened to traffic the morning of Dec. 6, 1941.

D.L.& W. Railroad, Grade Crossing Elimination

Riverview Drive, Totowa, Passaic County

Federal Aid Project No. FAGM 31 (1)

General Contractor:	Franklin Contracting Co.
Bonding Company:	Maryland Casualty Co.
Engineer in Charge:	C.E. Vanderhoof

Length of Project:			1565 ft. - 0.296 mi.
Length, Type and Depth of Pavement:			1565 ft. 2" Bit.Conc. on 6" Pen. Mac.Foundation
			400 ft. 6" Pen. Mac. Pavt.
Widths:	Riverview Drive,	Pavement	30'
		Graded	50'
	Vreeland Ave.	Pavement	20'
		Graded	30'

Plans and Specifications Approved by S.H.D.	June 24, 1941
Date Contract Awarded:	July 25, 1941
Date Contract Executed:	July 30, 1941
Contract Date for Starting Work:	August 15, 1941
Date Actually Started Work:	August 14, 1941
Contract Time for Completion:	150 Working Days
Time Consumed to Date:	$68\frac{1}{2}$ " "

Original Contract Amount:	$171,352.76
Less Amount of Bridge:	127,967.93
Original Amount of Road Contract:	43,384.83
No Extras or Reductions to Date:	- - -
Value of Work Completed to Date:	18,028.55
Percentage of Work Completed to Date:	30.70%

This Project eliminated a grade crossing over the D.L. & W. Railroad at Totowa, Passaic County.

The Major portion of this Project is the bridge construction, the road work consisting mainly of the approach fills with a bituminous pavement surface.

The Vreeland Avenue Relocation fill and pavement have been completed permitting the diversion of traffic from Riverview Drive and work is progressing on the approach fills as bridge construction will permit.

Grade Crossing Elimination at Central R.R. of N.J.,
West Avenue, Sewaren, Woodbridge Township,
Middlesex County

Federal Aid Project FAGS 27 A (1)

General Contractor:	Hogan-Gaul Construction Co.
Bonding Company:	Indemnity Insurance Co. of North America.
Sub-Contractor: (Borrow)	Cantelope & Devino, Inc.
Resident Engineer:	S.W. Maulbeck

Length of Project:	1,821.8 lin.ft. or 0.345 Mi.
Length, Type & Depth of Pavement:	
7" Hot Application Pen.Mac.Pavt. with 2" Bit.Conc. Type "A" Top	42 ft. Wide - 1,616 ft.
3" Hot Application Pen.Mac.Pavt. on 4" Macadam Foundation	36 ft. " - 332 ft.
	20 ft. " - 31 ft.
Widths Paved:	20 ft.- 36 ft. - 42 ft.
Widths Graded:	20 ft.- 36 ft. - 100 ft.- 120 ft.

Plans & Specifications Approved by S.H.C.	February 14, 1941
Contract Awarded:	March 25, 1941
Date Contract Executed:	April 4, 1941
Contract Date for Starting Work:	April 27, 1941
Date Work Actually Started:	May 13, 1941
Contract Time for Completion:	150 Working Days
Time Used to Dec. 31, 1941:	127 " "
Time Remaining:	23 " "
Completed to Date:	51.20%

Original Amount of Contract (Incl.Bridge)	$209,980.63
Original Amount of Contract (Road Only)	63,165.07
Amount of Reductions to Date:	148.40
Amount of Extras to Date:	427.32
Revised Contract Amount to Date:	63,443.99
Amount of Work Completed to Date:	32,485.29
Amount of Work to be Completed in 1942:	30,958.70

This Project consists of the elimination of an existing crossing at grade of the Central R.R. of N.J. by elevating and relocating a portion of West Ave. thereby carrying West Ave. over the tracks of the railroad on a structural steel bridge.

The road work consists of the construction of the approach embankment which is to be paved with penetraction macadam pavement on a 8" bank run gravel subgrade topped off by a 2" bituminous concrete pavement, Type A, together with concrete curb.

The major items to be completed in 1942 are constructing bituminous concrete pavement on a penetration macadam base, completing embankments and concrete curb, constructing wire rope guard rail, topsoiling and seeding slopes and bituminous penetration macadam sidewalks.

Yearly Report - 1941
Southern Construction
District

HDR:MM

March 4, 1942

Mr. C. F. Bedwell
Construction Engineer
Trenton, New Jersey

Dear Sir:

There is submitted herewith the yearly report of the Southern Construction District for the year 1941.

Your attention is called to tables and charts showing the strengths secured in concrete pavement construction during this season.

Respectfully submitted,

H. D. Robbins
District Engineer

Route 4
Connection to Somers Point Traffic Circle
State Project

City of Somers Point	Atlantic County
General Contractor:	Monihan Contracting Company
Bonding Company:	Fidelity & Deposit Co. of Md.
Resident Engineer:	E. M.Gillette
Length of Project:	.7384 miles
Pavement: 9" R.C., single 20'	
Shoulders: Av. 7½" 10' wide	
Graded: 40' for present road and 60±additional for future dualing	
Right of Way: Variable 90'to 220'	
Bids Received: 4-4-41	Contract Awarded: 5-20-41
Date of Contract: 5-29-41	
Contract Date for Starting: 6-10-41	Date Started: 5-26-41
Completion Time 50 Working Days	Extensions: 3 Working Days
Contract Completed: 53 Working Days	(Date) 9-24-41
Work Accepted by Commissioner:	10-8-41
Amount of Original Contract:	$68,552.11
Extra Work: $ 4,370.59	Reductions: $219.64
Final Cost:	$72,703.06
Amount Completed in 1941	72,703.06

This project, constructed during the summer of 1941, consisted of about half a mile of paved roadway on new alignment, connecting Route 4 with the Somers Point Traffic Circle, and is the final link in connecting Ocean City with the State Highway System. The twenty-foot concrete pavement was laid as half of a future dual highway, and the intersection with Route 4 is of the "Pretzel" type, and paved with bituminous pavement. A complete drainage system was required, consisting of 4200 lineal feet of pipe, 37 manholes and inlets, and a box culvert.

Work on the project went forward without any serious difficulty, and was greatly facilitated by the use of experienced men on such items of work as bituminous paving, reflecting and plain curb, and box culvert, as well as on the concrete pavement.

Route 4, Section 1B (Paving)
South Amboy to Cheesequake
State Project

City of So. Amboy Boro of Sayreville Madison Township	Middlesex County
General Contractor: Bonding Company: Resident Engineer:	C. F. Malanka & Son, Inc. Standard Accident Ins. Co. J. E. Dederick, H. T. Kinnevy
Length of Project: Pavement: Shoulders: Graded: Right of Way: (Widths)	2.761 miles 9" R.C. single 22' width with 2' conc gutter & curb, adjacent to island Av 7½" Gravel 8' wide 32' single width with 16' & 17' island adjacent to existing 40' roadway 20' sidewalk spaces 120'
Bids Received: 5-16-41 Date of Contract: 5-27-41 Contract Date for Starting: 7-15-41 Completion time: Time used to 12-31-41:	Contract Awarded: 5-20-41 Date Started: 7-15-41 120 Working Days 81½ Working Days
Amount of Original Contract: Amount of Adjusted Contract to 12-31-41 Amount completed to Dec. 31, 1941:	$ 317,795.36 (Road) 317,795.36 146,515.75

The encased steel beam, 2-39' span, bridge over Bordentown Av., is included in this contract at a bid of $44,949.25. It is about 41% completed 12-31-41.

This section to Cheesequake had previously been widened with grading of the second stage area on the right in 1938 under a W.P.A. man-hour contract. The present contract provides for conversion to paved dual highway, overpassing Bordentown Ave., to the Cheesequake junction of Route 4 Alternate to Matawan and Route 34 and the recently opened Route 4 Relocation to Adelphia, Lakewood and lower Jersey Shore resorts.

This contract calls for the paving of the right or southbound side with 24' of 9" R.C. pavement and 8' gravel shoulder and widensthe existing 20' concrete pavement on the left or northbound side to 22' width with a 10' gravel shoulder. Completed construction will provide 32' widths of travelled way with 16' to 17' center island throughout. Between Sta. 57 & 69 the full 32' widths are paved, curb to curb. At Sta. 60+50, Route 4 will overpass Bordentown Ave. with a dual width Beam Encasement structure under this contract.

Paving operations were started on Oct. 6th and continued steadily until Dec. 18th with completion of the 12' and 10' lanes, Ernston Road intersection on the Right and all narrow lanes and crossovers from Sta. 126 to the end at Cheesequake and Section 42A. No paving has been done at the Bordentown Ave. relocation and ramp approaches.

This job will remain active throughout the winter. An early Spring resumption is planned to complete the concrete pavement remaining.

Route 4 Relocation, Section 41
Gordon's Corner-Browntown
Federal Project # 181B(1)

Madison, Marlboro & Manalapan Townships	Middlesex & Monmouth Counties
General Contractor:	Franklin Contracting Co.
Bonding Company:	Standard Accident Ins. Co.
Resident Engineer:	J.E. Dederick
Length of Project:	5.155 miles
Pavement:	9" R. C. single 20' width
Shoulders:	Ave. 7½" Gravel 10' wide
Graded:	40' with 5' & 10' walk space
Right of Way:	120' & 140'
Bids Received: 12-29-39	Contract Awarded: 1-5-40
Date of Contract: 1-11-40	
Contract Date for starting: 1-24-40	Date started: 1-22-40
Completion time: 140 Working Days	Extensions: 6 W. Days
Contract Completed 146 Working Days (Date) 6-9-41	
Work Accepted by Commissioner: 7-8-41	
Amount of Original Contract	$325,984.86 Road
Extra Work: $ 12,728.75	Reductions: $2,302.50
Final Cost: 336,411.11	
Amount Completed in 1941:	$34,543.61

Four stream bridges and a bridge over Rt. 4 for a county road at Sta. 488+ were included in this contract. The cost of these bridges were as follows: Sta. 448+45, 8' span R.C. Box Culvert $4,228.62; Sta. 467+93 8' R.C. Box Culvert $3,885.29; Sta. 488+13, 43' Encased I Beam $23,570.76; Sta. 645+60, 12' R.C. $10,462.42 and Sta. 656+60, 30' span R.C. $17,892.80

This is a link of the relocated Route 4 between Cheesequake and Adelphia, by-passing Freehold Borough, and extends northward from the portion now completed to Gordon's Corner and, for the most part, over undeveloped territory to Browntown. This relocation project now completed affords a fast and direct route out of the Metropolitan area to Lakewood and lower Jersey Shore resorts.

This project provides first stage construction on the left of a planned dual highway. Midway, at Hawkin's Corner, the 120' width right-of-way widens to one of 140' for the balance of the way. At Sta. 488 Route 4 is carried under the Union Mills Road by an underpass provided for in this contract. The alignment for approximately 3 miles absorbs an existing gravel roadway and for the other 2 miles traverses new terrain of marshy woodland.

This 5 mile link of relocated Route 4 between Gordon's Corner and Browntown was completed in all its major features by December 1940. As the concrete pavement and gravel shoulders were not completed until late December, frost conditions caused a winter shut-down of all major operations with only work on guard rail and washboard continuing. On April 7, 1941 work was resumed on the shaping of slopes and grading of topsoil areas and after 3 miles were ready, topsoiling and seeding started on May 4. Bituminous Concrete Pavement, Type "A" at intersections was completed on May 21 and all other work on June 9, 1941.

Excellent workmanship on the grading and sloping and skilled raking and sowing produced a fine job of landscaping and a very satisfactory spring grass growth.

Route 4, Section 41A
Gordon's Corner to Browntown
(Roadside Improvement)
Federal Project # SN-FAP 181B(2)

Madison, Marlboro & Manalapan Townships	Middlesex & Monmouth Counties
General Contractor:	Grandview Nurseries
Bonding Company:	U. S. Fidelity-Guaranty Co.
Resident Engineer:	J. E. Dederick
Length of Project:	5.148 miles
Right of Way: 120' & 140'	
Bids Received: 10-3-41	Contract Awarded 10-21-41
Date of Contract: 10-31-41	
Contract Date for starting: 11-19-41	Date started: 11-25-41
Completion time	40 Working Days
Time used to 12-31-41	21 Working Days
Amount of Original Contract:	$21,742.83
Amount of Adjusted Contract to 12-31-41	$21,742.83
Amount completed to Dec. 31, 1941	$ 8,952.63

To improve the appearance and better protect the slopes, a contract for the Roadside Improvement of the 5 miles of Route 4, Section 41 from Gordon's Corner to Browntown provided for the planting of 602 deciduous trees, 540 small and flowering trees, 14 Austrian Pines, 2526 shrubs all at designated locations and 21000 Honeysuckle plants on selected slopes. Work carried speedily and with excellent procedure until cold weather in early Jan. 1942 caused postponement of planting until early spring. Practically all tree and honeysuckle holes have been excavated and topsoiled and 767 balled and bagged trees planted. Locations and tree selections and approvals are made by the Landscape Division and field construction inspection, reports and estimates by the Construction Division forces.

Route 4, Section 42A
Cheesequake to Browntown, Paving.
Federal Aid Project # 181 C (1)

Madison Township:	Middlesex County
General Contractor:	Jannarone Contracting Co.
Bonding Company:	Massachusetts Bonding & Insurance Co.
Resident Engineer:	J. E. Dederick
Length of Project:	3.146 miles
Pavement:	9" R. C. 20' wide with 2-32' widths separated by a 16' island for dual connection at Cheesequake end & Route S 28 overpass
Shoulders:	Av 7½" gravel 10' wide
Graded:	40' single width with 40' & 60' graded (previous contract) for future dualing, 15 and 20' sidewalk spaces.
Right of Way:	120 & 140'

Bids Received: 12-27-40 Contract Awarded: 1-7-41
Date of Contract 1-13-41
Contract Date for Starting: 1-24-41 Date Started: 3-4-41
Completion time and extensions to 12-31-41: 120+30 W. Days or 150 W.D.
Time used to 12-31-41: 137 Working Days

Amount of Original Contract:	$ 345,713.24
Amount of Adjusted Contract to 12-31-41:	$ 336,891.80
Amount completed to Dec. 31, 1941:	311,325.00

Bridges included in this contract cost as follows:

Route 4 Alternate to Matawan over Route 4 Northbound 85'6" span encased thru girder	$ 38,573.33
Route 4 over S28 at Browntown encased beams 2-38'-2" span	$ 57,978.18
8' span x5' concrete box Culvert at Tenants Brook	$ 3,216.38
and a similar one at the Branch of tenants Brook	$ 6,971.73
The concrete slab bridge at Warne's Brook cost	$ 4,731.87

This section, slightly over 3 miles long, is the final link of relocated Route 4 from Cheesequake to Adelphia, and when the 9"R.C. pavement was completed here, curb placed, highway lighting and traffic signs installed, the entire Relocated Route 4 project, started in 1937 was opened to the traveling public on Dec.24, 1941. That portion of old Route 4, passing from Cheesequake through Matawan, Marlboro and Freehold to Adelphia, is now designated as Route 4 Alternate. The newly opened relocated portion, over new territory, affords a faster and more direct route out of the Metropolitan Area over the new Edison Bridge to South Amboy, and by-passing Freehold to Adelphia, Lakewood and lower Jersey Shore resorts.

The grading and drainage work having been completed in 1940 by WPA forces, this 1941 program paving contract was to provide at the Cheesequake end a connection to the dual highway widening now being performed under the Section 1B contract and to connect with section, 41 at Brownton. Paving was finally started July 7 and all concrete pavement was completed on October 21st. Work continue on grading and shaping, curb construction and topsoiling until Dec. 23 when all work, except that on guard rail, ceased for the winter.

Route 4, Section 43
Marmora-Beesley's Point
WPA Project #1016-5-23 P-26

Upper Township		Cape May County	
General Contractor:		The Highway Corporation	
Bonding Company:		Aetna Casualty & Surety Company	
Resident Engineer:		E. M. Gillette	
Length of Project:		1.923 miles	
Pavement	9" R.C. 20' wide		
Shoulders:	Av. 7½" Gravel 10' wide		
Graded:	40' to 56' with 10' to 13' and variable side walks		
Right of Way:	66' & 80'		
Bids Received:	10-6-39	Contract Awarded:	10-31-39
Date of Contract:	11-3-39		
Contract Date for starting:	11-16-39	Date Started:	1- 2-40
Completion Time:	100 Working Days	Extensions	4 Working Days
Contract Completed	102½ Working Days	(Date)	1-6-41
Work Accepted by Commissioner			1-14-41
Amount of Original Contract		$38,976.78	
Extra Work:	$6,778.12	Reductions	$2424.79
Final Cost:		$43,330.11	
Amount Completed in 1941		1,250.11	

This work was completed in 1940 with the exception of some seeding and guard rail work. The guard rail was completed early in January and the seeding was completed later in the spring by an arrangement with the Landscape Div. to supervise the W.P.A. labor.

(See 1940 Report)

Route 25(Rt.1(1917),Section 5)
Drainage & Shoulder Paving Thru Dayton
WPA Project #1016-12-50 P-54

South Brunswick Township	Middlesex County
General Contractor:	Utility Construction Company
Bonding Company:	Standard Accident Insurance Co.
Resident Engineer:	J. W. Hiller & H. A. Hartmann
Length of Project:	0.644 miles
Shoulders:	7" thick variable width-4" macadam, 2" penetration with 1" bit conc. top
Graded:	variable to 40'
Bids Received: 10-11-40	Contract Awarded: 11-4-40
Date of Contract: 11-12-40	
Contract Date for Starting: 11-20-40	Date Started: 12-10-40
Completion time: 90 Working Days	Extensions: 30 W. Days Total 120 Working Dyas
Contract Completed: 120 Working Days	(Date) 11-13-41
Work Accepted by Commissioner:	11-17-41
Amount of Original Contract:	$ 23,969.98
Reductions:	1,136.10
Extra Work:	734.51
Final Cost:	23,568.39
Amount Completed in 1941:	23,568.39

The paving of shoulders with bituminous concrete and the construction of a drainage system on this section of highway was a long needed improvement, both from the standpoint of the highway system and that of the local community thru which the highway passes.

Clearing & grubbing was started December 10, 1940 by the State Highway Dept., in cooperation with the Works Progress Administration. The improvement supplied work for men at a time when many were unemployed. All labor and a portion of the materials used were supplied by the Works Progress Administration. Supervision of the work and the remainder of the materials used were supplied by the contractor.

The work was constructed during heavy traffic conditions, with little traffic delay.

Route 25 Section 5B & 6B Widening
Port Reading RR to Plainfield Av
Federal Aid # 95 H(2) & 95G (2)

Raritan & Woodbridge Townships	Middlesex County
General Contractor:	N. J. State Highway Maintenance Div.
Resident Engineer:	A. C. Ely
Length of Project:	6.348 miles
Pavement:	10" R. C. 10' wide
Shoulders:	7½" x 5½' wide improved
Graded:	30' dual with 12' center island
Right of Way:	100' wide
Date for Starting: 12-1-38	Date Started: 12-16-38
Completion time:	160 Working Days
Contract Completed: 7-3-40	157 Working Days used
Work Accepted by Commissioner:	7-16-40
Amount of Original Estimate:	$ 507,513.86 (Road)
Extra Work:	29,039.62
Reductions:	34,447.01
Amount of Adjusted Estimate:	502,106.47 (Road)
Actual cost of completed work to 12-31-41	$574,179.28
Actual amount charged in 1941	$ 1120.60
Actual amount completed 1939 & 1940 and not reported in summary	$70,952.21 $ 72,072.81

Bridge items are included in above actual costs.

This section of widening was completed in 1940. This report is to properly adjust actual costs. For further details see report for 1940.

Route 25 Section 26C
Robbinsville to Hightstown (Curbing)

East & West Windsor & Washington Township	Mercer County
General Contractor:	Maintenance Div. of State Highway Dept.
Resident Engineer:	A. C. Ely
Length of Project:	4.333 miles
Shoulders:	1" Type A. Bit. Paving placed on 2' reshaped improved stone shoulders adjacent to the new center island curb. The island cross overs are similarly paved on macadam foundation.

Project Started: 3-27-41 Project Completed: 10-17-41
Amount of Original Construction Work Order: $ 65,941.00
Amount Cost of Construction Reported: $ 73,785.38

This contract was given to the Maintenance Division of the New Jersey State Highway Department in the form of a construction Work Order dated 1-27-41.

The work consisted of constructing scored curb, poured in place together with the paving of adjacent areas and cross overs with Bituminous Concrete, Type A.

The curb work progressed rapidly and satisfactorily as did the necessary preparation for the Bituminous Concrete paving. The Topsoil and Seeding item was promptly attended to. However due to various delays the actual paving with the Bituminous Concrete took the better part of the summer and was not finished until September 1941.

This was the first extensive job where the new type of scored curb (8" x 15"), poured in place on a soil foundation was used.

Route 25, Section 33
Deans to Cranbury (Grading)
WPA Project 1016-12-40 P-30

Cranbury & So. Brunswick Townships	Middlesex County
General Contractor:	Villa Contracting Co., Inc.
Bonding Company:	The Metropolitan Casualty Ins. Co. of N. Y.
Resident Engineer:	J. W. Hiller
Length of Project:	6.253
Graded:	51', 87' & 97' for future dual roadway
Right of Way:	120' & 140'
Bids Received: 9-29-39	Contract Awarded: 10-24-39
Date of Contract: 10-27-39	
Contract Date for Starting: 11-3-39	Date Started: 11-14-39
Completion time: 200 Working Days	Extensions: 24 Working Days
Contract Completed: 224 Working Days	(Date) 4-15-41 Total 224
Work Accepted by Commissioner:	4-22-41
Amount of Original Contract:	$ 153,770.64
Reductions:	8,385.19
Extra Work:	24,308.64
Final Cost:	169,694.09
Amount Completed in 1941	9,044.09

This project, except on the southerly end for 2½ miles, is over new alignment, by-passing East of Dayton and overpassing the P.R.R.

Considerable ditching and wet excavation were necessary on the northerly end where the new alignment passes thru a swamp area.

Due to the delay in improvement by W.P.A. to Big Ditch it was necessary to raise the grade of the portion of our drainage system in this area.

Most of this work was completed in 1940 except a small amount of drain pipe, ditching and clean up which was done early in the spring of 1941.

Route 25, Section 33A
Deans to Cranbury (Paving)
Federal Project # SN-FAP 123C (2)

Cranbury & So. Brunswick Townships	Middlesex County
General Contractor:	Geo. M. Brewster & Son, Inc.
Bonding Company:	Aetna Casualty & Surety Co.
Resident Engineer:	H. A. Hartmann & A. C. Ely
Length of Project:	6.377 miles
Pavement:	10" R. C. Dual 20' & 32' width
Shoulders:	Av. 8" depth improved, 5' & 10' wide.
Graded:	35' & 33' dual widths separated by islands 20' & 33' and 4' resp. 6', 15'&20' graded walks
Right of Way:	120' & 140'

Bids Received: 12-30-40 Contract Awarded: 1-7-41
Date of Contract: 1-14-41
Contract Date for Starting: 1-24-41 Date Started: 1-18-41
Completion time and extensions to 12-31-41: 140+11 W. Days Total 151
Time used to 12-31-41: 145 W. Days

Amount of Original Contract: $670,590.00 (Road)
Amount of Adjusted Contract to 12-31-41 $ 667,739.48
Amount completed to Dec. 31, 1941: $ 623,000.00
Five Bridges completed in this contract cost as follows:

Lawrence Brook 40' span encased steel beams	$ 45,650.26
Big Ditch 18' span R. C.	$ 17,686.07
Jamesburg Road 52' span encased steel beams	$ 35,564.09
Freehold & Jamesburg R R 2-56' span & 1-45' 7" middle span encased steel beams	$ 79,049.67
Branch of Cranbury Brook Ext. 12' span R. C.	$ 3,016.11

The work consisted of constructing five bridges, including an overpass of the Freehold & Jamesburg RR Co and another overpass of the County Road to Jamesburg together with over 6 miles of dual paving.

This is one of the 1st bulk cement jobs we have supervised with more or less difficulties. Satisfaction could be obtained if the cement was cooler and the cement bin & boxes were properly designed.

The concrete was mixed with a 34E dual power and spread with a mechanical spreader.

All precast curb was changed to scored curb that was cast in place at a saving in price.

The roadway is on new alignment for about 4 miles. It was opened to traffic Dec. 27, 1941 and is functioning satisfactorily.

The work remaining is seeding, fertilizing, curb, guard soil and clean up.

Route S26, Section 1B &
Route 25, Sections 4C & 5C
Adams Station to Plainfield Avenue
Federal Aid Projects 95E(3), 95F(2) & 95H(3)

City of New Brunswick and
No. Brunswick & Raritan Townships — Middlesex County

General Contractor: N.J. State Highway Maint. Div.
Resident Engineer: A. C. Ely

Length of Project: 6.518 miles (includes Raritan River Br. .361 mi.)

Pavement: 10" R. C. Widening to provide dual highways 30' to 37' wide with variable center island 2' to 12'
George's Road Circle at Rt. 25 & S26 paved minimum width of 26' with curbs.
Raritan River Bridge converted to 2-24' roadways with 24" Center Island Curb

Shoulders: Average 7½" x 6.6' Improved
Graded: 50' to 80'
Right of Way: 100'

Date for Starting: 9-7-39 — Date Started: 9-7-39

Completion time: 180 Working Days — Extensions: 28 W. Days Total 208
Contract Completed: 203½ W. Days (Date) June 3, 1941
Work Accepted by Commissioner: July 29th as of June 3, 1941

Amount of Original Estimate:	$ 652,834.77 (incl. br. items)
Extra Work:	128,250.74
Reductions:	152,729.64
Amount of Adjusted Estimate:	628,355.87

Actual Cost of work to 12-31-41		$ 729,794.12	Incl. Bridge Items
Actual amount completed in 1941	$ 12,623.13		
Actual amount completed 1939 & 1940 and not reported in summary	118,970.99	131,594.12	

These sections complete the dualing of Route 25 & Route 26 between Trenton and Jersey City.

Work on Section 5C, Raritan River Bridge to Plainfield Avenue was pushed with the result that all work on this section except Safety Island and Topsoiling & Seeding was completed in 1939. Full width paving was constructed throughout this section with curb.

1939 work on the remaining sections, Raritan River Bridge to Adams Station, was limited to excavation and Drainage. This was completed in 1940 together with paving, islands, etc.

The main features of this work are the Traffic Circle at George's Road Intersection (Rt.25-S26 intersection). Safety Island Construction, Pavement Moving, similar to preceding section, and the installation of subbase under all new pavement construction.

The work completed in 1941 was principally seeding on S26 and George's Road Circle and general cleaning up.

Route 28-24 Conn. Link, Section 2
Roadside Improvement
Straw Church to Route 24
Federal Project # SN-FAP 179A(3) & 32A(3)

Lopatcong, Greenwich & Pohatcong Townships	Warren County
General Contractor:	Grandview Nurseries
Bonding Company:	U.S. Fidelity & Guaranty Co.
Resident Engineer:	E. C. Benoist
Length of Project:	1.766 miles
Right of Way:	120'
Bids Received: 4-9-41	Contract Awarded: 4-10-41
Date of Contract: 4-18-41	
Contract Date for Starting: 5-13-41	Date Started: 8-20-41
Completion Time: 30 Working Days	
Contract Completed: 30 Working Days	(Date) 12-1-41
Work Accepted by Commissioner:	1-13-42
Amount of Original Contract:	$ 8,138.15
Reductions:	418.90
Extra Work:	52.70
Final Cost:	7,771.95

This contract consisted of the planting of trees, shrubs etc. on islands and slopes which were constructed and topsoiled and seeded under a general road contract in 1940.

This job was awarded late in the spring but due to the advanced dry, hot season, the planting was deferred until fall.

There were 549 evergreen and deciduous trees planted together with 2171 shrubs and vines along connecting link Section 2 from Straw Church to Route 24, and along Route 24.

The actual planting was started on Sep. 11 and completed in Nov. 1941, and the total contract completed on Dec. 1, 1941.

Route 28, Section 22
Lebanon Relocation (Grading)
Annandale-Van Syckles Corner
WPA State Project #1016-10-17 P-31

Clinton Township & Lebanon Boro	Hunterdon County
General Contractor:	Samuel Colacurcio, Inc.
Bonding Company:	The Aetna Casualty & Surety Co.
Resident Engineer:	L. T. McCormick
Length of Project:	2.85 miles
Graded:	120' with 10' walk space each side (50' depressed center island space with 35' roadway each side)
Right of Way:	160'-163'
Bids Received: 9-29-39	Contract Awarded: 10-13-39
Date of Contract: 10-17-39	
Contract Date for Starting: 10-27-39	Date Started: 10-30-39
Completion time: 150 W. Days	Extensions: 3 W.Days 153 Total
Contract Completed: 135 W. Days	(Date) 2-28-41
Work Accepted by Commissioner:	3-25-41
Amount of Original Contract:	$ 87,526.56
Extra Work:	9,220.76
Reductions:	16,670.40
* Total Cost allowed to date:	80,076.92
Amount Completed in 1941:	5,776.92

* Disposition of additional claims by contractor, and of deduction of $6,213.57 for WPA man-hours used in excess of specified allotment remains to be determined.

This is the first section of the reconstruction of Route 28 from Clinton to Somerville. This section by-passes the Boro of Lebanon on the North, eliminating the hazardous traffic condition created by the narrow pavement in the business section of the town.

This contract was for the grading, drainage and topsoiling for a dual roadway under the Highway's W.P.A. program. Progress was poor due to the slowness of the contractor in starting excavation in 1939 before freezing weather set in. The W.P.A. labor on this contract was fairly efficient, although progress was slow due to unfavorable weather during the time of the contract.

Work was completed during 1940 except the cleaning up of the job.

Route 28, Section 22A
Lebanon Relocation (Paving)
State Project

Clinton Township	Hunterdon County
General Contractor:	Jannarone Contracting Company
Bonding Company:	Massachusetts Bonding & Ins. Co.
Resident Engineer:	L. T. McCormick
Length of Project:	2.846 miles
Pavement:	10" R.C. dual 23' width
Shoulders:	Av. 8" Improved 4' & 10' wide
Graded:	37' dual width, 48' and variable center island, 9' & 13' walk spaces
Right of Way: 160'	
Bids Received: 12-5-41	Contract Awarded: 12-9-41
Date of Contract: 12-19-41	
Contract Date for Starting 12-31-41	
Completion time: 120 Working Days	
Amount of Original Contract:	$ 438,056.81 (Road)

It is expected this work will get under way for paving early in the Spring. The grading of this section was done under a previous contract.

Route 28, Section 23 (Grading)
Clinton Point to C.R.R. Bridge at Annandale
State Project

Clinton Township	Hunterdon County
General Contractor:	Samuel Colacurcio, Inc.,
Bonding Company:	Aetna Casualty & Surety Co.
Resident Engineer:	L. T. McCormick
Length of Project:	1.752 miles
Graded:	2-30' to 45' roadways with 50' to 70' center island and 18' to 20' walk space each side.
Right of Way:	158' to 200'
Bids Received: 12-27-40	Contract Awarded: 12-27-40
Date of Contract: 1-3-41	
Contract Date for Starting: 1-17-41	Date Started: 2-11-41
Completion time to 12-31-41:	150 Working Days
Extensions:	20 Working Days
Time used to 12-31-41	187 Working Days
Amount of Original Contract:	$232,329.15 (Road)
Amount of Adjusted Contract to 12-31-41:	$230,830.85
Amount completed to Dec. 31, 1941:	$145,350.00

This contract also includes a 30' span R. C. Arch Bridge 218' long which cost $ 43,024.70

The contract provides for grading and drainage of a full 158' and 160' Right of Way from Clinton Point to the C.R.R. bridge at Annandale on Route 28.

The grading provides for a grade separation of Route 30 and Route 28 at Clinton Point with the necessary bridges, etc., to be built under a future contract. There is one bridge, an arch culvert over Beaver Brook, now completed on this contract. Most of this job is across new Right of Way with about three thousand feet paralleling Route 28 East of Annandale.

Work was started on clearing site and grading operations got under way at the end of March and were continued with the required rate of progress until early in July when the job was 50% complete.

Grading equipment was gradually withdrawn from the job and work proceeded at a slower rate of progress until the last week in December when the actual amount of work completed was about 69% as compared to the required progress of 100%.

The main items still to be completed are solid rock limestone and borrow excavation, and topsoil and seeding.

Route 28, Section 24 (Grading)
Van Syckles Corner to White House
State Project

Clinton & Readington Townships	Hunterdon County
General Contractor:	C. T. Burket
Bonding Company:	National Surety Corporation
Resident Engineer:	L. T. McCormick
Length of Project:	3.453 miles
Graded:	2-35' roadways with 20' walk spaces & 50' center island space except along existing roadway the walk space is 13' and the center island space 60±
Right of Way: 160'	
Bids Received: 9-20-40	Contract Awarded: 9-20-40
Date of Contract: 9-30-40	
Contract Date for Starting: 10-4-40	Date Started: 11-29-40
Completion time: 150 Working Days	
Time used to 12-31-41	113 Working Days
Amount of Original Contract:	$ 173,317.30
Amount of Adjusted Contract to 12-31-41	$174,517.30
Amount completed to Dec. 31, 1941	110,670.00
Amount completed in 1941	92,020.00

This section of the reconstruction of Route 28 extends from Van Syckles Corner, East of Lebanon to White House. The larger part of this section follows the existing Right of Way which has been widened to secure a minimum width of 160 feet. This section by-passes part of White House on the South, eliminating the present traffic hazard at this location.

This contract is for grading, drainage and top-soiling in preparation for paving in the future.

The contract is now 63% complete. Progress on this section has been slow due to the same contractor having the adjoining section on which he has been concentrating, and removal of equipment to defense airport jobs.

This contract should be completed by June 1, 1942.

Route 28, Section 25 (Grading)
White House-North Branch
State Project

Readington & Branchburg Townships	Hunterdon & Somerset Counties
General Contractor:	C. T. Burket
Bonding Company:	National Surety Corporation
Resident Engineer:	L. T. McCormick
Length of Project:	4.427 miles
Graded:	2-35' roadways with 50' center island and 10' to 20' walk spaces.
Right of Way:	160'
Bids Received: 9-6-40	Contract Awarded: 9-10-40
Date of Contract: 9-23-40	
Contract Date for Starting: 9-24-40	Date Started: 9-26-40
Completion Time: 150 Working Days	
Contract Semi-Completed: 119½ Working Days (Date)	12-1-41
Work Semi-finally accepted by Commissioner:	12-16-41
Amount of Original Contract:	$ 202,375.61 (Road)
Reductions:	10,766.25
Extra Work:	160.00
Semi-final Cost	191,769.36
Amount Completed to 12-1-41	178,434.79
Amount Completed in 1941	99,834.79

A 6' R.C. Box Culvert Cattle Pass Bridge is included in this contract and cost $6,811.72

This section of the reconstruction of Route 28 extends from White House to the Raritan River at North Branch. Part is over new Right of Way, the remainder along the existing Right of Way which has been widened to give a minimum width of 160 feet. This section by-passes on the South, both White House at the West end of the section, and North Branch at the East end, eliminating the present traffic hazards in these two towns.

This contract is for grading, drainage and top-soiling in preparation for paving in the future.

The contract is now complete with the exception of general cleanup. Progress at the start was exceptionally good due to efficient supervision and operation of the LeTourneau carryalls and Tournapulls. However, the contractor removed most of his equipment to defense airport jobs, slowing up progress on this contract.

Route 28, Section 24A & 25A
Whitehouse Relocation, Paving
State Project

Clinton & Readington Townships	Hunterdon County
General Contractor:	Franklin Contracting Company
Bonding Company:	Standard Accident Ins. Co.
Resident Engineer:	L. T. McCormick
Length of Project:	1.782 miles
Pavement:	10" R.C. dual 23' widths.
Shoulders:	Av. 8" thick 4' and 10' wide improved.
Graded:	2-37' dual widths with 48' center island and 19' walk spaces.
Right of Way:	160'
Bids Received: 12-12-41	Contract Awarded: 12-23-41
Date of Contract: 12-30-41	
Contract Date for Starting: 1-14-42	
Completion time: 100 Working Days	
Amount of Original Contract:	$ 296,966.45

It is expected this work of paving a graded Right of Way will get under way in the Spring as soon as the ground will permit.

This contract will eliminate the dangerous traffic passing thru a narrow built-up residential district of White House.

Route 28, Section 25B & 26A
North Branch Relocation, Paving
State Project

Branchburg Township	Somerset County
General Contractor:	Francis A. Canuso & Son
Bonding Company:	Standard Accident Ins. Co.
Resident Engineer:	L. T. McCormick
Length of Project:	2.20 miles
Pavement:	10" R.C. dual 23' & 35' widths.
Shoulders:	Av. 8" thick 2' 4' & 10' wide.
Graded:	35' & 37' dual widths with 50' and 48' center islands respectively
Right of Way:	160'
Bids Received: 12-19-41	Contract Awarded: 12-23-41
Date of Contract: 12-30-41	
Contract Date for Starting: 1-14-42	
Completion time:	120 Working Days
Amount of Original Contract:	$ 511,636.00

This contract provides for the paving on a graded Right of Way eliminating the State Highway thru North Branch by-passing to the south on a line from Fiddlers Elbow intersecting Route 28 East of the Raritan River. The river bridge and bridge over Station Road will be built under a separate contract.

This paving contract is expected to start as soon as ground permits in the Spring.

Route 28, Section 26 &
Route 28-29 Conn.,Section 1 (Grading)
North Branch to Somerville
WPA Project 1016-18-34 P-37

Bridgewater Township	~~Hunterdon~~ County Somerset
General Contractor:	Villa Contracting Co., Inc.,
Bonding Company:	Metropolitan Casualty Ins. Co. of N. Y.
Resident Engineer:	L.T. McCormick
Length of Project:	2.841 miles
Graded:	2-37' roadways with 48' center island & 9' to 19' walk space each side.
Right of Way:	160'±
Bids Received: 1-5-40	Contract Awarded: 1-29-40
Date of Contract: 2-2-40	
Contract Date for Starting 2-14-40	Date Started: 3-26-40
Completion Time: 140 Working Days	Extensions: 5 Working Days Total 145 W. Days
Contract Completed: 120 Working Days (Date)	7-25-41
Work Accepted by Commissioner:	11-25-41
Amount of Original Contract:	$ 106,021.78
Reductions:	25,943.40
Extra Work:	3,040.39
Final Cost:	83,118.77
Amount Completed in 1941:	34,218.77

This section of the reconstructed Route 28, between Somerville and Clinton, extends from the Raritan River at North Branch to the intersection of Routes 29 & 31 at Somerville. It is entirely over new right of way, 160 feet minimum width, by-passing North Branch on the South, eliminating the hazardous traffic condition in this town.

This contract was for grading, drainage and top-soiling under the Highway's W.P.A. program.

Progress was poor due to the late date on which the contractor started his excavation. The W.P.A. labor performed their share of the work in a very satisfactory manner.

This contract, 72% complete, was terminated 7-15-41, due to the inability of the W.P.A. to supply sufficient men to adequately carry on the work.

Route 29, Section 6A
South Main St., Lambertville
WPA Project 1016-10-24 P-53

City of Lambertville and W. Amwell Township	Hunterdon County
General Contractor:	Geo. M. Brewster & Son, Inc.
Bonding Company:	The Aetna Casualty & Surety Co.
Resident Engineer:	Carl Teegen
Length of Project:	0.697 miles
Pavement:	9" R. C. 2-30' roadways separated by 4' center island.
Shoulders: (None)	
Graded:	2-30' roadways with 4' center islands & 8' walk space each side
Right of Way:	80'
Bids Received: 11-15-40	Contract Awarded: 12-4-40
Date of Contract: 12-4-40	
Contract Date for Starting: 12-19-40	Date Started: 12-17-40
Completion time: 120 W. Days	Extensions: 12 W. Days Total:132
Contract Completed: 116 W. Days	11-8-41
Work Accepted by Commissioner:	12-9-41
Amount of Original Contract:	$ 128,245.96 (Road)
Extra Work:	41,563.15
Reductions:	19,993.92
Total Cost allowed to date for Road:	149,815.19 (Disposition of additional claims by contractor remains to be determined).

An 8' span R. C. slab bridge was included in this contract and cost $ 7,073.00

This project is to widen the approach to Lambertville at the junction of Main Street and Route 29. Work was started in January 1941 by W P A forces on excavation and drainage structures. Work on these items was carried on until April 1941, when it became evident that the W P A could not supply the contractor with sufficient labor to properly prosecute the work. By mutual agreement the W P A withdrew, after completing approximately 12% of the contract, and the State agreed to reimburse the contractor for all subsequent labor hire in lieu of W P A labor. The contract was completed with contract labor only.

Route 33-35 Conn. Section 1
Rt. 33 at Anderson's Cor. to Asbury Ave. at Wayside Rd.
State Project

Shrewsbury & Neptune Townships		Monmouth County
General Contractor:		Thomas Gallo
Bonding Company:		Standard Accident Ins. Co.
Resident Engineer:		V. E. Markle
Length of Project:		2.799 miles
Pavement:	8" Gravel 35' & 40' wide with 20' of treated surface.	
Shoulders:	5' & 10' of above that is untreated.	
Graded:	2-35' or 40' roadways with 20' & variable center islands.	
Right of Way:	140' & variable at intersections.	
Bids Received:	9-6-40	Contract Awarded: 9-11-40
Date of Contract:	9-14-40	
Contract Date for Starting:	9-19-40	Date Started: 9-19-40
Completion time to 12-31-41:	150 Working Days	Extensions: 34 W. Days or 184 Total
Time used to 12-31-41:		156 Working Days
Amount of Original Contract:		$ 197,718.67
Amount of Adjusted Contract to 12-31-41		198,753.09
Amount completed to Dec. 31, 1941		178,100.00
Amount completed in 1941		123,800.00

The bridges were completed by Weldon Contracting Company in the first contract on this section.

This project was designed as an entrance to Asbury Park from the North and West which would avoid the congested traffic conditions prevailing at the intersection of Route 33 and Route 4N, a condition which in addition to the conflicting lanes of heavy traffic at this intersection is further complicated by the railroad crossing just West of Route 4N.

The contract consists of heavy grading, drainage and gravel surface.

An extension of 34 days was granted due to the awarding of a contract for concrete pavement in June 1941 and which necessitated a change in the plans of the contractor for the seeding and clean-up of this job.

Good progress on the excavation items was accomplished by the use of four large capacity grading units of 16 and 20 Cu. Yd. size. At this writing the contract is approximately 90% complete with 178000 Sq. yds. seeding and final clean-up, the only uncompleted work to be done in the Spring of 1942.

The Right of Way was graded for a dual raodway, one side of which was graveled. The other side was top soiled and seeded.

Route 33-35 Conn., Section 1A (Paving) & 2 Grading)
Anderson's Corner to R 35 Traffic Circle

Shrewsbury & Neptune Townships	Monmouth County
General Contractor:	Jannarone Contracting Co.
Bonding Company:	Massachusetts Bonding & Ins.Co.
Resident Engineer:	V. E. Markle
Length of Project:	3.766 miles
Pavement:	9" R.C. Single 23' wide
Shoulders:	Av. 7½" Gravel 10' wide
Graded:	In previous contract for 2-35' or 40' dual roadways
Right of Way:	140' & variable at intersections
Bids Received: 6-13-41	Contract Awarded: 6-17-41
Date of Contract: 6-23-41	
Contract Date for Starting: 8-20-41	Date Started: 10-3-41
Completion time:	100 Working Days
Time used to 12-31-41	43½ Working Days
Amount of Original Contract:	$216,717.80
Amount of Adjusted Contract to 12-31-41	216,717.80
Amount completed to Dec. 31, 1941:	134,300.00

This project consists of the paving of the newly graded entrance to Asbury Park Via a cutoff from Route 33 at Anderson's Corner to Asbury Ave. and the grading for the widening along Asbury Avenue from Bowne Road to the Asbury Ave. Traffic Circle.

Clearing and grading operations were started on Oct. 3rd and the paving was started on Oct. 23rd and was completed on Dec. 1st. Good progress on the paving operation was secured by means of two 27E Ransome Mixers in tandem, one pouring the bottom of slab and the other placing the top. This enabled the contractor to finish the concrete pavement before the starting of cold weather. The Pavement was laid in one 11' and one 12' slab.

Work was started on the Macadam Foundation Course on Oct. 8th at The Route 33 Intersection and was completed in this area on Dec. 5th. The Type "T" was furnished and placed by the Tar Asphalt Service Co., of New Brunswick, starting at this intersection on Oct. 29th and completing on Dec. 9th. The remaining intersections were not started due to the lateness of the season.

Highway lighting at intersections and signs, etc. were installed on the 2.8 mile section from Route 33 to Asbury Ave., and the roadway was opened for traffic on Dec. 23rd.

Grading and drainage operations are expected to continue throughout the Winter from Bowne Road to the Asbury Ave. Traffic Circle.

Route 35, Section 12B & 13B
Smith St. to Green Street Shoulder Paving
WPA Project 1016-12-45 P-45

Woodbridge Township	Middlesex County
General Contractor:	Franklin Contracting Company
Bonding Company:	Standard Accident Insurance Co.
Resident Engineer:	Harry A. Hartmann
Length of Project:	2.949 miles
Pavement:	9" R. C. 2' & 10' widths
Graded:	2-32' Roadway with 16' center island and 20' walk space each side except at underpasses at L.V. R.R. & New Brunswick Ave. where Center island is 6' and 2' walks each side.
Right of Way:	120'
Bids Received: 5-3-40	Contract Awarded: 5-28-40
Date of Contract: 6-4-40	
Contract Date for Starting: 6-13-40	Date Started: 7- 9-40
Completion Time: 70 Working Days	Extensions: 20 W. Days 90 Total
Contract Completed: 88½ Working Days (Date)	5-8-41
Work Accepted by Commissioner:	5-13-41
Amount of Original Contract:	$ 63,416.15
Reductions:	1,219.46
Extra Work:	22,328.23
Final Cost:	84,524.92
Amount Completed in 1941:	1,024.92

This section consists mainly of paving existing gravel shoulders with 9" reinforced concrete pavement. Two ten foot concrete lanes and a gravel shoulder in each direction, separated by a sixteen foot center island, had been constructed under a previous contract.

The contract time of completion was revised to ninety (90) days, due to a change order which involved the addition of two traffic lanes between New Brunswick Ave. and the Lehigh Valley Railroad, the 24 foot traveled way in either direction being inadequate.

This contract was completed in 1940 except some sod curb and clean up which was done early in spring of 1941.

The improvement eliminates costly maintenance of gravel shoulders and drainage structures, adds to the cleanliness of the highway, and increases the traffic capacity of the main artery of travel from the Metropolitan area to the shore resorts.

Route 35, Section 14B
Roadside Improvement
South Approach to Raritan River Bridge
Federal Project 128D(1)

Boro of Sayreville	Middlesex County
General Contractor:	Grandview Nurseries
Bonding Company:	Indemnity Insurance Co. of N. America
Resident Engineer:	Harry A. Hartmann
Length of Project:	0.752 miles
Right of Way:	110'-210'±
Bids Received: 9-20-40	Contract Awarded: 10-1-40
Date of Contract: 10-7-40	
Contract Date for Starting: 11-8-40	Date Started: 10-24-40
Completion Time: 50 Working Days	
Contract Completed: 40 Working Days	(Date) 5-1-41
Work Accepted by Commissioner:	5-13-41
Amount of Original Contract:	$ 13,997.02
Reductions:	554.40
Extra Work:	0
Final Cost:	13,443.62
Amount Completed in 1941:	2,593.62

This section of highway was constructed early in 1940, under a previous contract, and is a link in the Perth Amboy By-Pass, a part of the main route from the Metropolitan area to the shore resorts.

This project is comprised for the most part of the planting of young trees and shrubbery, and the topsoiling to a depth of two inches and the seeding of the circle. The planting is finished & topsoil placed. The seeding was completed in the early spring of 1941.

Serving the dual purpose of beautifying the area in which used, and also of holding slopes from wash-outs, roadside improvement is proving of real worth in highway construction and maintenance.

Route 35, Section 38A
Morgan-Laurence Harbor
State Project

Boro of Sayreville & Madison Township	Middlesex County
General Contractor:	Weldon Contracting Company
Bonding Company:	Seaboard Surety Company
Resident Engineer:	H. A. Hartmann
Length of Project:	1.269 miles
Pavement:	9" R. C. single 27' width and 32' dual widths. Ramp: 2½" Bit Conc. on 7" Pen. Mac. 30' wide
Shoulders:	Av. 7½" Gravel 10' wide.
Graded:	57' with 16' center island along existing pavement; 2-32' widths with 4' center island. Ramps 30' wide. Sidewalks 9' to 15' wide.
Right of Way:	114' and 115½' and variable
Bids Received: 11-21-41	Contract Awarded: 11-25-41
Date of Contract: 11-28-41	
Contract Date for Starting: 12-12-41	Date Started: 12-26-41
Completion time: 200 Working Days Beg.	5-1-42
Amount of Original Contract:	$ 481,168.89
Amount of Adjusted Contract to 12-31-41	$ 481,168.89
Amount completed to Dec. 31, 1941:	0

This project provides for extending the dual pavement from Morgan to the Laurence Harbor side of Cheesequake Creek. A new bridge and viaduct across Cheesequake Creek and adjacent low land is under construction in a separate contract. A contract is yet to be made for the construction of a new bridge over the N.Y. and Long Branch RR.

Work has only started on building the necessary turf dykes in preparation for pumping the wet excavation.

Route 35-4N Conn., Section 1
West Long Branch Connection
State Project

Shrewsbury Township	Monmouth County
General Contractor:	Jannarone Contracting Co.
Bonding Company:	Massachusetts Bonding & Ins. Co.
Resident Engineer:	V.E. Markle
Length of Project:	2.018 miles
Pavement:	9" R.C. 26'-40' wide on R 35 Circle 8" Gravel 43' wide and 7" Pen. Mac. Base with 2" Bit. Conc. Surface, variable widths at intersections.
Shoulders:	8" & 10' Gravel
Graded:	Dual 40' widths, with 40' center island space & 20' walk spaces, variable at intersections
Right of Way:	160'
Bids Received: 9-6-40	Contract Awarded: 9-10-40
Date of Contract: 9-13-40	
Contract Date for Starting: 9-24-40	Date Started: 9-16-40
Completion Time:	100 Working Days
Contract Completed: 100 Working Days	(Date) 10-24-41
Work Accepted by Commissioner:	12-9-41
Amount of Original Contract:	$184,336.03 (Road)
Extra Work:	7,549.87
Reductions:	20,111.53
Final Cost: $171,691.49 after deduction of $82.88 for deficiency in weight of material in FABC-1 pavement.	
Amount Completed in 1941:	$134,891.49

A 10' span R. C. Box Culvert is included in this contract and cost $6,788.01

This project was built on a new Right of Way extending Easterly from a traffic circle constructed as a part of this project at Route 35 and Locust Road, one mile South of Eatontown to Broadway, West Long Branch, near the Northerly limits of that Borough.

The Fall and Winter months (1940-41) were utilized for clearing the site of heavy timber and brush, wet excavation, drainage installations and excavation and borrow.

The traffic circle at Route 35 was paved with standard 9" Reinforced Concrete pavement. The remainder of the project was graded for a dual roadway and a 43' graveled roadway was constructed on the West Bound Lane. This gravel surface was utilized as a subbase course in the construction of a R. C. pavement built under a separate contract awarded before the completion of work on this project.

The concrete pavement at the Route 35 Traffic Circle was started on April 18th and completed on May 16th. The entire pavement surface was fully opened for traffic on May 24th. This was made possible by the liberal use of additional bags of cement for high early strength.

Route 35-4N, Section 1A (Paving)
West Long Branch Connection
State Project

Eatontown & West Long Branch Boros	Monmouth County
General Contractor:	Franklin Contracting Co.
Bonding Company:	Standard Accident Ins. Co.
Resident Engineer:	V. E. Markle
Length of Project:	1.662 miles
Pavement:	9" R. C. single 23' width; at intersections 2" Bit. Conc. on 7" Pen. Mac. Foundation, variable width.
Shoulders:	Av. 7½" Gravel 10' wide
Graded:	43' and variable thru intersections
Right of Way:	160'
Bids Received: 6-6-41	Contract Awarded: 6-10-41
Date of Contract: 6-16-41	
Contract Date for Starting: 7-10-41	Date Started: 8-14-41
Completion time:	70 Working Days
Contract Completed: 48 Working Days	(Date) 11-15-41
Work Accepted by Commissioner:	11-25-41
Amount of Original Contract:	$ 78,050.15
Extra Work:	361.85
Reductions:	2,030.21
Final Cost:	76,381.79

This project extends Easterly from the Traffic Circle at Route 35 and Locust Road South of Eatontown to Broadway, West Long Branch.

Construction of the project was not started until Aug. 14th due to a delay in the delivery of the welded wire mats for the reinforcing of the concrete pavement.

The concrete pavement was started on Sept. 17th and was completed on October 17th. The aggregates for the concrete pavement were batched at the Bennett & Schock, Inc. plant at Brielle and trucked to the work. The gravel surface placed under a former contract was used as a subbase course and new gravel was used to bring the shoulders to pavement grade.

The construction of the foundation macadam and the bituminous concrete pavement was started on Oct. 23rd and the work on those two items was completed on Nov. 10th. A mechanical spreader was used for the bituminous concrete and satisfactory results were obtained.

Route 38 Section 3A
Pine St & Madison Av. Int's - Mt. Holly
State Project

Lumberton & Mt. Holly Townships	Burlington County
General Contractor:	Maintenance Div.- State Highway Dept.
Resident Engineer:	A. C. Ely
Length of Project:	.292 miles
Pavement:	9" R. C. 18' widening and variable width at above intersections
Graded:	56' single
Right of Way:	110'
Date Started: 6-16-41	Date Completed: 9-10-41
Actual Cost of Construction Reported:	$ 28,017.15

This contract was given to the Construction Division of the Maintenance Division of the New Jersey State Highway Department in the form of a work order, in the summer of 1941, work beginning 6-16-41.

The work consisted of adding additional ten foot and 8 foot lanes on the northerly side of existing pavement in the vicinity of Madison Avenue and Pine Street at Mt. Holly. Curbing and other incidental work was included.

The work was very slow and the new paving was not opened to traffic until 8-9-41.

Route 38, Section 4
Route 34 - Route 35
Grading & Temporary Pavement
State Project

Wall Township	Monmouth County
General Contractor:	Robert W. Cleveland & Co.
Bonding Company:	The Fidelity & Casualty Co. of N. Y.
Resident Engineer:	J. W. Hiller
Length of Project:	3.364 miles
Pavement:	8" treated gravel single 20' width.
Shoulders:	8" x 10' gravel
Graded:	122' with 10' sidewalk spaces
Right of Way:	180' and 30' each side outside of slope lines.
Bids Received: 4-4-41	Contract Awarded: 4-8-41
Date of Contract: 4-8-41	
Contract Date for Starting: 4-30-41	Date Started: 4-16-41
Completion Time: 140 W. Days	Extensions: 8 W. Days 148 Total
Contract Completed: 144½ Working Days (Date)	12-2-41
Work Accepted by Commissioner:	12-9-41
Amount of Original Contract:	$ 194,075.25 (Road)
Extra Work:	12,314.47
Reductions:	9,146.25
Final Cost:	197,243.47 (Road)

A 20' span R.C. Slab bridge is included in this contract and cost $ 15,821.54.

This project was a grading and drainage contract with temporary gravel pavement placed 40' wide on the northerly half of the roadway. The Maintenance Div. treated 20' of this gravel pavement with lignin binder thus leaving 10' gravel shoulders each side. The intersections were paved with Bituminous Concrete type "T" 1" thick. This was placed on a Penetration Macadam Foundation 3" thick which in turn was placed on a foundation of 8" gravel.

A strip 30' wide outside of slope lines was acquired for extra Right of Way so that it could be used for beautification later.

Route 39, Sections 1B & 10A (Paving)
Rt.25 near Bordentown to White Horse
State Project

Bordentown & Hamilton Townships	Burlington & Mercer Counties
General Contractor:	Joseph Nesto & Co.
Bonding Company:	Standard Accident Ins. Co.
Resident Engineer:	John J. Timmons
Length of Project:	2.825 miles
Pavement:	9" R. C. 20' to 35' dual width on new alignment
Shoulders:	Ave. 7½" gravel 5' & 10' wide
Graded:	2-35' roadways w ith 16' & variable center islands and 10' to 20' walks each side.
Right of Way:	119' to 126'

Bids Received: 10-11-40 Contract Awarded: 10-15-40
Date of Contract: 10-18-40
Contract Date for Starting: 10-29-40 Date Started: 11-22-40
Completion time: 120 Working Days Extensions: 5 W. Days Total 125W.D.
Time used to 12-31-41: 108 Working Days

Amount of Original Contract:	$291,959.80 (Road)
Amount of Adjusted Contract to 12-31-41	295,203.30
Amount completed to Dec. 31, 1941	243,800.00
Amount completed during 1941	240,700.00

The widening of the bridge over Crosswicks Creek consisting of 2-73' spans of R. C. is included in this contract and cost $52,432.81

The work performed under this contract consisted of excavation, construction of Reinforced Concrete Pavement Paralleling existing Concrete Pavement, and incidental work. Traffic is being detoured under Existing Railroad Bridge to temporary Pavement at the location of a future underpass bridge of the P.R.R. at Mile Hollow. At the North end of the project at White Horse, plans to construct a traffic circle were abandoned due to incomplete acquisition of property. A temporary pavement carries traffic at this site.

The paving is completed except at the locations mentioned above Also some curb work, seeding and clean up remain to be done in the spring of 1942.

Route S41, Section 2A & 3A
Route 38 to Kresson
Federal Project #183A(1)

Mt. Laurel Township	Burlington County
General Contractor:	S.J. Groves & Sons Co.
Bonding Company:	Royal Indemnity Co.
Resident Engineer:	J. H. Gerecke
Length of Project:	6.98 miles
Pavement:	9" R. C. 20' Dual
Shoulders:	Av. 7½" Gravel 5'&10' wide
Graded:	2-35' roadways with 16' center island and 20' walk each side and variable
Right of Way:	126'
Bids Received: 1-5-40	Contract Awarded: 1-12-40
Date of Contract: 1-17-40	
Contract Date for Starting: 2-1-40	Date Started: 3-25-40
Completion Time:	140 Working Days
Contract Completed: 135½ Working Days	(Date) 4-7-41
Work Accepted by Commissioner:	6-3-41
Amount of Original Contract:	$ 482,103.18
Reductions:	6,823.17
Extra Work:	6,699.11
Final Cost:	481,979.12
Amount Completed in 1941:	4,159.12

This project is the first section of Route S41 to be dualed. The Tacony-Palmyra Bridge connects with White Horse Pike for Shore Points over this route.

Northern and Western Philadelphia motorists in recent years have developed a preference for this route due to it's freedom from urban congestion. The capacity of the former single highway had become badly taxed especially on Holidays and week ends.

The work on this contract was completed in 1940 except some topsoiling and seeding which was done in the spring of 1941.

Route S-41, Section 3B & 4A Widening
Kresson - Route 43
Federal Aid # 183 B (1)

Voorhees & Berlin Townships & Boro of Berlin	Burlington & Camden Counties
General Contractor:	Francis A. Canuso & Son
Bonding Company:	Standard Accident Insurance Co.
Resident Engineer:	J. H. Gerecke
Length of Project:	5.996 miles
Pavement:	9" R.C. 10 & 20' single, 20', 40' and variable dual widths
Shoulders:	Av. 7½" Gravel 5' & 10' wide
Graded:	35' dual widths with 16' center island. 2' island at R.R. Underpass with 27' dual pavement
Right of Way:	126' and variable
Bids Received: 12-30-40	Contract Awarded: 1-7-41
Date of Contract: 1-11-41	
Contract Date for Starting: 1-24-41	Date Started: 1-21-41
Completion Time:	140 Working Days
Contract Completed: 140 Working Days	(Date) 11-24-41
Work Accepted by Commissioner:	12-9-41
Amount of Original Contract:	$ 424,278.58 (Road)
Total Cost based on data available to date:	$ 423,649.74 (Road)

At sta. 670+80 the existing bridge was extended 38'-10". It is 16' span R.C. slab bridge. This extension cost $7,380.26. The Maintenance Dept. costs for moving 18,976 sq. yds. of existing concrete pavement is $55,146.27. The average movement was 29.47' feet per sq. yd.

This contract provided for the dualizing of the old concrete pavement between Kresson and Route 43.

The traffic circle at Berlin was partially reconstructed and service piping installed. From the traffic circle to Route 43, the 3rd and 4th existing slabs were moved to the new location. This work was done by the State Maintenance Department, the contractor following and completing the work after the slab moving and jacking operation. Of this slab moving that portion in the curve approaching the Pennsylvania Reading Railway underpass was super elevated to to a maximum of 9 inches.

Speed in completion was considerably impeded by the delayed presence of buildings along the Right of Way.

Route 43, Section 10 & Route 47, Section 9
Drainage Improvements
Lindenwold & Hurffville
State Project

		Camden & Gloucester Counties	
General Contractor:		C. & T. Construction Company	
Bonding Company:		Standard Accident Ins. Co.	
Resident Engineer:		J. H. Gerecke	
Bids Received:	11-7-41	Contract Awarded:	11-13-41
Date of Contract:	11-26-41		
Contract Date for Starting:	12-3-41	Date Started:	1-23-42
Completion time:		40 Working Days	
Amount of Original Contract:		$ 9,255.20	

This contract provides for about 500' of storm drains and incidental oppurtenances to relieve two locations of poor surface drainage.

Route 44, Section 8
Bridgeport By-Pass
Federal Aid Project 122E(1)

Logan Township	Gloucester County
General Contractor:	Versaggi Bros. Const. Co.
Bonding Company:	Standard Accident Ins. Co.
Resident Engineer:	N. F. Rigor
Length of Project:	1.015 miles
Pavement:	9" R. C. 20' wide except Raccoon Creek Bridge which is dual 24' widths with 4' island
Shoulders:	Average 7½"x10' Gravel
Graded:	40'-52'
Right of Way:	120'
Bids Received: 6-2-39	Contract Awarded: 6-6-39
Date of Contract:	6-12-39
Contract date for starting: 6-24-39	Date started: 6-23-39
Completion time:	140 Working Days
Contract Completed: 140 Working Days	(Date) 1-15-41
Work Accepted by Commissioner:	1-28-41
Amount of Original Contract:	$ 84,752.93
Extra Work:	1,770.01
Reductions:	5,100.71
Total Cost to date:	81,422.23 (Disposition of claims by contractor remain to be determined).
Amount Completed in 1941:	$ 3,922.23

The bridge over Raccoon Creek was under separate contract with F. A. Canuso & Son and cost $317,861.50

This project is the initial stage of construction of a dual highway over a new 120' right of way by-passing entirely the town of Bridgeport, Gloucester County, and, by relocating a new vertical lift bridge (under separate contract), eliminating a dangerous curved bridge approach which was the scene of many serious accidents.

That portion of the project from East of the town to the intersection with Route S44 (Bridgeport-Chester Ferry Connection) was opened to traffic under semi-final acceptance October 31, 1939.

The remainder of the project was delayed by the construction of the bridge over Raccoon Creek.

One side of this bridge was completed by the middle of June 1940 when the road work on the approaches was started so that one-half of the new bridge was opened for traffic July 17th. During the fall and early winter the bridge and approaches were completed so that it was fully opened to traffic on December 28, 1940.

The guard rail & clean-up were completed in January 1941.

Route 44, Section 9 (Grading)
Westville-Pierce's Corner
State Project

West Deptford Township — Gloucester County

General Contractor: Santaniello Bros.
Bonding Company: Aetna Casualty & Surety Co.
Resident Engineer: M. P. McDole

Length of Project: 3.203 miles
Graded: 2-35' roadways with 6',7' & 30' Center Island and 10' to 20' walk space
Right of Way: 140'

Bids Received: 11-29-40 — Contract Awarded: 12-23-40
Date of Contract: 12-24-40
Contract Date for Starting: 1-9-41 — Date Started: 2-3-41
Completion time and extensions to 12-31-41: 140+0 Working Days
Time used to 12-31-41: 187 Working Days

Amount of Original Contract: $ 208,754.95 (Road)
Amount of Adjusted Contract to 12-31-41: 208,006.95
Amount completed to Dec. 31, 1941: 137,300.00

A 12' span R.C. Box Culvert over Hessian Run is included in this contract at a bid price of $ 21,791.00.
To supply water to residents of Verga whose wells were alleged to be drained by making the cut for the underpass, the Maint. Dept. spent $ 1,062.70 for a temporary water line.

This road, known locally as "Crown Point Road", was one of the colonial thoroughfares and is a most important artery serving the many manufacturing, oil and munitions industries located adjacent to the Delaware River, south of the City of Camden. This road also serves much interstate traffic consisting of the heavy trucking and tourists vehicles crossing the river by the several ferries located at Pennsville, Pennsgrove and Bridgeport in order to by-pass the congested cities of Wilmington, Chester and Philadelphia on journeys to points north and east.

The right of way widening was accomplished by adding, through purchase, a seventy-four (74) foot wide strip along and adjacent to the four (4) rod right of way laid out in year 1812. A new alignment of slightly more than one mile thru Verga permits of underpassing Hessian Avenue and overpassing Red Bank Avenue, two important County roads.

This project is designed for the grading with necessary drainage of a dual highway having two traffic lanes each, with 35 feet clear width between curbs and being separated by a 30' wide center island. The present construction provides for grading one half of road on widened right of way and grading for full width on new location. The traffic lanes are graded seventeen (17) inches below high side of proposed concrete pavement; this will provide for sub-base placement preparatory to final paving.

The contract will not be completed until Spring of 1942.

Route 44, Section 10 (Paving)
Bridgeport-Nortonville
State Project

Logan Township	Gloucester County
General Contractor:	S. J. Groves & Sons Co.
Bonding Company:	Royal Indemnity Co.
Resident Engineer:	Norman F. Rigor
Length of Project:	2.873 miles
Pavement:	9" R.C. 20' & 35' wide
Shoulder	Ave. 7½" Gravel 5'&10' wide
Graded:	Dual 35' roadways with 6', 15' & variable center islands and 10' & 20' walk spaces
Right of Way:	126'
Bids Received: 9-13-40	Contract Awarded: 9-13-40
Date of Contract: 9-19-40	
Contract Date for Starting: 10-4-40	Date Started: 10-7-40
Completion time: 140 Working Days	Extensions: 0 Working Days
Contract Completed: 134½ Working Days	(Date) 8-28-41
Work Accepted by Commissioner:	9-8-41
Amount of Original Contract:	$ 283,132.19 (Road)
Extra Work:	893.02
Reductions:	24,424.82
Final Cost:	259,600.39
Amount Completed in 1941:	227,170.39

A 9' span and a 20' span R.C. slab bridges were included in this contract and cost--9' span $6,196.28, 20' span $12,951.22.

This project consists of widening to a dual highway the Raccoon Creek causeway.

From there only the right or south bound lane was graded and paved, the left or north bound macadam remaining in use.

Grading was carried thru the winter and spring so that paving could be started April 29, 1941 and was completed June 6, 1941 in time for summer traffic.

Route 44, Section 12
Pennsville-Hook Road
State Project

Lower Penns Neck Township	Salem County
General Contractor:	Versaggi Bros. Const. Co.
Bonding Company:	Standard Accident Ins. Co.
Resident Engineer:	Norman F. Rigor
Length of Project:	1.98 miles
Pavement:	9" R. C. single 20' wide
Shoulders:	Av. 7½" Gravel 10' wide
Graded:	46' single
Right of Way:	49.5' & 65.5'
Bids Received: 11-7-41	Contract Awarded: 11-7-41
Date of Contract: 11-24-41	
Contract Date for Starting: 12-3-41	Date Started: 1-5-42
Completion time:	80 Working Days
Amount of Original Contract:	$ 134,527.70

This section of the road between Pennsville and Salem will be graded and paved during 1942.

Work is now under way on the drainage items.

Route 45, Newton Creek
Bridge Approach Structure
State Project

Haddon Township	Camden County
General Contractor:	Eisenberg Construction Co.
Bonding Company:	Maryland Casualty Co.
Resident Engineer:	J. H. Gerecke
Length of Project:	.182 miles
Pavement:	18" R.C. single width 56' wide for Br. App. Slabs and 10" R.C. 8' wide placed each side existing 40' pavement.
Graded:	56' with 12' sidewalks
Right of Way:	80'
Bids Received: 12-5-41	Contract Awarded: 12-9-41
Date of Contract: 12-18-41	
Contract Date for Starting: 12-31-41	Date Started: 1-5-42
Completion time:	75 Working Days
Amount of Original Contract:	$ 9,369.50 (Road)

The existing timber approach structure is to be replaced with a concrete and steel structure. It is about 100' long.

Approach slabs are to be constructed each side of the bridge and the existing pavement is to be widened by placing 8' concrete slabs each side with new curb & guard rail.

Route 45 Approach Structure
Route 47 Storm Drain at Big Timber Creek
State Project

Brooklawn Boro	Camden County
General Contractor:	Eisenberg Const. Co.
Bonding Company:	Maryland Casualty Co.
Resident Engineer:	M. P. McDole
Length of Project:	.139 miles
R 45 Pavement:	2" Bit. Conc. top on 3 "Penetration macadam on minimum depth of 4" macadam foundation.
Graded:	R45-47' wide with 16½' sidewalks
Right of Way:	80' on R 45
Bids Received: 12-5-41	Contract Awarded: 12-9-41
Date of Contract: 12-18-41	
Contract Date for Starting: 1-14-42	
Completion time:	120 Working Days
Amount of Original Contract:	$ 26,633.91

This contract will provide for a new approach structure on Route 45 Brooklawn side of Big Timber Creek Bridge. Also provision is made for the installation of about 700' of large drain pipe on Route 47 Brooklawn approach to Big Timber Creek Bridge.

It is expected work will get under way as soon as materials are secured.

Route 45 Approach Structure
Route 47 Storm Drain at Big
Timber Creek

Route 49, Section 16
South Dennis Relocation, Inc. Bridge over P-R.S.L.
Federal Project FAGH 96B(1)

Dennis Township	Cape May County
General Contractor:	Harry Eisenberg, Inc.
Bonding Company:	Continental Casualty Co.
Resident Engineer:	D. H. Johnston
Length of Project:	1.147 miles
Pavement:	9" R.C. 20' & dual 26' widths
Shoulders:	Av. 7½" Gravel single 10' width
Graded:	40' and 2-26' roadways with variable island width and 6'x10' walk spaces
Right of Way:	126'
Bids Received: 7-12-40	Contract Awarded: 7-23-40
Date of Contract: 7-27-40	
Contract Date for Starting: 8-15-40	Date Started: 7-25-40
Completion time: 140 Working Days	
Contract Completed: 139½ Working Days (Date)	6-19-41
Work Accepted by Commissioner: 7-1-41	
Amount of Original Contract:	$ 167,532.24
Extra Work:	2,128.40
Reductions:	5,151.57
Final Cost:	164,509.07
Amount Completed in 1941	33,609.07

The bridge over P-R.S.L. included in this contract cost $60,027.91

This project consists of the construction of a concrete bridge over the Penna.-Reading Seashore Line at South Dennis and the approaches thereto. It eliminates two grade crossings, one of which was on the southern portion of Route 49. The junction of Routes 49 and S-49 was relocated and a modern intersection constructed, with 26' wide traffic lanes of 9" reinforced concrete pavement and curbed throughout. The southerly portion for a distance of 2800 feet is 20 ft. wide as is the existing pavement of this route.

While no outstanding construction features were involved, it seems worthy of mention that the speed of construction was such that the project was 88% completed in approximately one half of the contract time, which was made possible because of competent work of the subcontractor on the bridge construction and the use of modern and up to date dirt moving equipment used in the construction of the approaches.

The work done during 1941 was concrete paving on the bridge approaches, precast and cast-in-place Conc. curb, the topsoiling and seeding and general clean-up.

Route 54, Section 1
2nd Road, Hammonton to Landisville Road, Buena
WPA Project 1016-1-50 P-40

Buena Vista Township — Atlantic County

General Contractor: Maint. Div., State Hwy. Dept.
Resident Engineer: T. P. Pierce

Length of Project: 7.165 miles
Shoulders: Existing 5' shoulders widened to 10' & 11' -6" along existing SCO gravel road.
Graded: 40' roadway with 20' walk space on outside.
Right of Way: 126'

Contract Date for Starting: 3-7-40 Date Started: 3-11-40
Construction Cost to December 31, 1941 for Department
Labor, Material and Equipment - Road - $ 298,621.43
- Bridge - 20,168.16
Construction Costs for 1941 - Road - $ 121,145.83
Construction Costs for 1941 - Bridge - 16,278.32
Estimated Construction Cost for Paving (exclusive of W.P.A. Labor Cost) $ 357,262.95

The 12' Box Culvert at Hospitality Creek, the bridge over Great Egg Harbor River and several smaller structures are included in this project.

The final phase in the construction of this contract was started on February 4, 1941 with the removal of wet excavation in the vicinity of the Egg Harbor River Bridge location. It was backfilled with good gravel and sand. The new bridge location necessitated the relocation of Egg Harbor river channel for a distance of about 470'.

This section of road includes the approaches to the Rt. 42 overpass and consists of two two-way ramps South-east of the center line of Rt. 54, Sec. 1. However, since the existing 12th Street (R54) must be used for travel, the fill was not completed. The depth of the fill varies from 3' to about 27'. It was thoroughly compacted and has not, as of this date, shown signs of settlement although much erosion has taken place.

The WPA forces were discontinued on Nov. 26th, thus this project is not yet complete. Some excavation was not removed in the vicinity of the Bell Telephone Bldg. in order not to interfere with traffic safety. This will no doubt be done when the road is paved with concrete

A 2-47' 8" span steel & Concrete bridge over R 42 has been awarded under separate contract to Eisenberg Const. Co. for $ 59,273.58 (See 1940 Report)

Brunswick Pike Road, Section 1
Federal Aid Project F.A.S. 43A (1)

West Amwell Township	Hunterdon County
General Contractor:	Edward H. Ellis, Inc.
Bonding Company:	Standard Accident Ins. Co.
County Engineer:	Frank W. Bohren
Resident Engineer:	Carl Teegen
Length of Project:	2.84 miles
Pavement:	18' wide 1" Bit. Conc. (type "A") on penet. mac. base 2" thick & mac. Founda. 4" thick.
Shoulders:	earth 6' wide
Graded:	30' wide
Right of Way:	66'
Bids Received: 7-11-41	Contract Awarded: 8-11-41
Date of Contract: 8-22-41	
Contract Date for Starting: 9-6-41	Date Started: 8-19-41
Completion Time:	100 Working Days
Contract Completed: 49½ Working Days (Date) 12-31-41	
Awaiting Acceptance and Final Costs from County.	
Amount of Original Contract:	$ 86,644.75
Adjusted Contract Amount to 12-31-41:	84,298.75
Estimated Amount Completed in 1941:	84,298.75

This project provides access to the Delaware River Bridge at Lambertville for east and west traffic.

Subbase material was used where found necessary and Drainage structures were constructed to eliminate water hazards.

Cuthbert Road Extension
Federal Aid Project F.A.S. 23A (2)

Haddon, Delaware & Pennsauken Townships	Camden County
General Contractor:	Francis A. Canuso & Son
Bonding Company:	Standard Accident Ins. Co.
County Engineer:	S. H. Taylor
Resident Engineer:	J. H. Gerecke
Length of Project:	1.524 miles
Pavement:	11' width of 8" R.C., Pavt. each direction
Shoulders:	Earth width 7 feet (by WPA)
Graded:	29' dual widths with 4' to 24' center island and 30' to 36' single width
Right of Way:	50, 80'& 100'
Bids Received: 7-1-41	Contract Awarded: 7-25-41
Date of Contract: 7-31-41	
Contract Date for Starting: 8-6-41	Date Started: 8-25-41
Completion time:	70 Working Days
Contract Completed: 62½ Working Days	(Date) 12-1-41
Work Accepted by Commissioner:	12-23-41
Amount of Original Contract:	$ 70,714.40
Extra Work:	1,133.99
Reductions:	633.33
Final Cost:	71,215.06

This project serves as a belt line connecting Collingswood, Haddon Township, Delaware Township, Merchantville and crossing State Highway Route 38 and Route 40.

A circle at Chapel Ave. in Merchantville distributes traffic at this point.

Cuthbert Road Extension

Franklin-Union Ave., Gr. Elimination
Pa.-Reading S.L. - West Berlin
Federal Project FAGM 24A(1)

Berlin Boro and Township	Camden County
General Contractor:	Eisenberg Construction Co.
Bonding Company:	Maryland Casualty Co.
Resident Engineer	Wilson Sharpe
Length of Project:	.328 miles
Pavement:	8" Treated Gravel 30' wide & 6' surface treated gravel walks.
Graded:	30' wide with 6'-10' walks each side
Right of Way:	Max. 162'±
Bids Received: 10-4-40	Contract Awarded: 10-15-40
Date of Contract: 10-25-40	
Contract Date for Starting: 11-1-40	Date Started: 11-4-40
Completion time:	110 Working Days
Contract Completed: 108 Working Days	(Date) 7-9-41
Work Accepted by Commissioner:	11-17-41
Amount of Original Contract:	$ 22,047.23 Road
Extra Work:	624.58
Reductions:	411.10 Road
Final Cost:	22,260.71 Road
Amount Completed in 1941:	21,000.71 Road

The 3 - 38' 0-1-16" span I Beam Bridge over the Pa. -Reading S. L. East of Franklin Ave. is included in this contract at a cost of $ 33,461.24

Due to the contour of the ground where the overpass crosses the railroad, most of the embankment is adjacent the bridge and in order to make the embankment correctly, the abutments and piers of the bridge had to be completed. This was done and the embankment started Dec. 23, 1940 and completed early in Spring of this year.

Gravel pavement was placed from June 25th to June 27th and later this gravel was surface treated SCO

Grade Crossing Elimination
over PA-Reading Seashore Lines
E. of Haddon Ave. Berlin
Federal Aid Projects F.A.G.M. 6B(1)
26A(2)

Berlin Township	Camden County
General Contractor:	Eisenberg Construction Co.
Bonding Company:	Maryland Casualty Co.
Resident Engineer:	Wilson Sharpe
Length of Project:	0.526 miles
Pavement:	9" Reinf. Conc. Pavt. 20' to 30' wide and 8" treated gravel 30' wide
Shoulders:	8" Surface treated Gravel Pavt. L-17' wide R-7' wide
Graded:	44' & 30' wide
Right of Way:	49½' & 50' wide

Bids Received:	12-20-40	Contract Awarded:	1-7-41
Date of Contract:	1-10-41		
Contract Date for Starting:	1-24-41	Date Started:	2-5-41
Completion time:		160 Working Days	
Contract Completed:	159 Working Days	(Date)	12-1-41
Work Accepted by Commissioner:			1-13-42

Amount of Original Contract:	$ 71,987.14 (Road)
Extra Work:	2,308.51
Reductions:	564.59
Final Cost:	73,731.06 (Road)

One 6 span, Deck I-Beam and Thru. Plate Girder Bridge over Railroad, concrete deck, integral wearing surface, was included in this contract at a cost of $ 165,239.76. This figure includes the cost of a separate overhead foot bridge at old crossing.

This project improved the entrance to Berlin-Haddonfield Road eliminating a dangerous railroad crossing and expediting traffic on Route 43.

An elevated pedestrian foot bridge was constructed over the original grade crossing site.

Grade Crossing Elimination
over PA-Reading Seashore Lines,
E. of Haddon Ave. Berlin

Kingwood-Byram Road Sec. 5
from Graff's Corner toward Byram
Federal Project F.A.S. 48A (1)

Kingwood Township	Hunterdon County
General Contractor:	Louis Sodi
Bonding Company:	Standard Accident Ins. Co.
Resident Engineer:	Carl Teegen - Co. Engr. Frank W. Bohren
Length of Project: (1.767 org.)	1.199 miles (revised) *
Pavement: 3" Bit Conc. on 4"	Mac. Foundation 18' wide
Shoulders: earth 5' wide	
Graded: 28'	
Right of Way: 50'	
Bids Received: 11-14-41	Contract Awarded: 12-9-41
Date of Contract: 12-22-41	
Contract Date for Starting: 2-2-42	
Completion time:	90 Working Days (beg 5-1-42)

Amount of Original Contract: $ 58,691.55
Amount of Adjusted Contract to 12-31-41: $ 41,326.95 *
* The contract items were reduced so that the funds allocated would be sufficient.

The improvement of a portion of this secondary road between Kingwood and Byram will be started as soon as materials arrive and weather is suitable.

Lambertville-Baptistown Road, Sec. 5
Federal Aid Project F.A.S. 42A (1)

Kingwood & Delaware Townships	Hunterdon County
General Contractor:	J. P. Burns
Bonding Company:	Seaboard Surety Co.
County Engineer:	Frank W. Bohren
Resident Engineer:	Carl Teegen
Length of Project:	3.199 miles
Pavement:	1" Bit. Conc. top (type'A') on 2" pen. mac. on 4" Mac. Founda. 18' wide
Shoulders:	Earth 5' wide
Graded:	28' single width
Right of Way:	49½'
Bids Received: 4-25-41	Contract Awarded: 4-29-41
Date of Contract: 5-19-41	
Contract Date for Starting: 6-4-41	Date Started: 7-1-41
Completion Time: 120 W. Days	Extensions: 4 W. Days
Contract Completed: 115½ W. Days	(Date) 12-31-41
Awaiting Acceptance and Final Costs from County.	
Amount of Original Contract:	$ 81,116.43
Adjusted Contract Amount to 12-31-41	79,361.03
Estimated Amount Completed in 1941:	79,361.03

This project was an old macadam pavement 9 feet wide and in very poor condition.

The construction of this project consisted of bit. conc. surface 18 feet wide on a penetration macadam foundation with subbase material under the pavt. at locations necessary to eliminate subsurface water, thereby stabilizing the depth of the pavt.

Drainage facilities were greatly improved as well as steep grades and sharp curves greatly reduced.

Monmouth Road, Sec. #3
Burlington Co. Line to Prospertown
Federal Project FAS 156C (1)

Plumstead & Upper Freehold Townships	Monmouth & Ocean Counties
General Contractor:	Franklin Contracting Co.
Bonding Company:	Standard Accident Ins. Co.
County Engineer:	H. C. Shinn
Resident Engineers:	V.E. Markle, F.I. Shoemaker & D. H. Johnston

Length of Project: 4.652 miles
Pavement: 6" Gravel 30' single width
Graded: 30'
Right of Way: 66'

Bids Received: 8-25-39 Contract Awarded: 9-18-39
Date of Contract: 9-22-39
Contract Date for Starting: 10-7-39 Date Started: 10-11-39

Completion time: 140 Working Days Extensions: 9 Working Days
Contract Completed: 148 Working Days (Date) 11-28-40
Work Accepted by Commissioner: 2-25-41

Amount of Original Contract:	$ 31,421.70 (Road)
Extra Work:	5,220.00
Reductions:	1,729.59
Final Cost:	34,912.11 (Road)
Amount Completed in 1940 and not previously reported	$ 3,842.11
Amount Completed in 1941 by Ocean Co.	$ 1,315.49
Four timber bridges were included in this contract and cost	$31,259.74

Little progress was made on this contract during 1939, and most of the work was done during 1940. Only scraping remained to be done on Nov. 28, 1940. This was arranged by the contractor to be done by the County forces in 1941 when weather permitted.

The Ocean County forces also arranged to do some extra drainage items by force account. These items appeared necessary after the contractor had completed his work. The cost of this extra drainage is $ 1315.49.

Old York Road, Hedding to Crosswicks-Chesterfield Road
Federal Aid Project FAS 40A (1)

Chesterfield & Mansfield Townships	Burlington County
General Contractor:	Joseph Lafferty
Bonding Company:	Aetna Casualty & Surety Co.
Township Engineer:	Edward K. Bryant
Resident Engineer:	D. H. Johnston
Length of Project:	5.760 miles
Pavement:	6" Surf. Treated Gravel 20' wide
Shoulders:	5' earth on each side
Graded:	30' single width
Right of Way:	66'
Bids Received: June 20, 41	Contract Awarded: July 18, 1941
Date of Contract: July 30-41	
Contract Date for Starting: 8-12-41	Date Started: 8-18-41
Completion time: 110 Working Days	Extensions: 2 Working Days Total 112
Working days used to 12-31-41	69½
Amount of Original Contract:	$ 36,413.60
Amount Completed to 12-31-41:	$ 32,550.00

This project consists of grading and improving, with a 20' wide oil treated gravel surface, a township dirt road located in the farming district of Burlington county, which when completed will act as a feeder to State Highway Routes #25 and #39. The open fall weather permitted all the work to be completed with the exception of the application of oil which will be put on next Spring.

Old York Road, Hedding to Crosswicks
Chesterfield Road

Pittstown-Jutland Road, Sec. #2
Pittstown-Clinton Rd. to Cook's Cross Road
Federal Project FAS 18A(1)

Union Township	Hunterdon County
General Contractor:	L. M. V. Trimmer
Bonding Company:	Standard Accident Ins. Co.
County Engineer:	Frank Bohren
Resident Engineer:	Carl Teegen
Length of Project:	1.34 miles
Pavement:	3" Pen. Macadam on 4" Mac. Foundation 18' single width
Shoulders:	5' earth
Graded:	28'
Right of Way:	33'
Bids Received: 6-21-40	Contract Awarded: 7-1-40
Date of Contract: 7-15-40	
Contract Date for Starting: 7-16-40	Date Started: 7-15-40
Completion time: 75 W. Days	Extensions: 0 W. Days
Contract Completed: 7-3-41 in 75 Working Days + 58½ calendar days	
Work Accepted by Commissioner:	8-5-41
Amount of Original Contract:	$ 21,876.46
Extra Work:	580.66
Reductions:	591.73
*Final Cost:	21,865.39
Amount Completed in 1941:	1,465.39

* Disposition of deduction of $ 1170.00 for liquidated damages remains to be determined.

This section was a narrow dirt road, hardly passable in bad weather. The improvements in this project consisted of widening, easing grades, elimination of bad curves, adequate drainage and the construction of a Penetration Macadam Pavement, 18 feet wide with 5 feet of shoulders on each side.

At locations where the subsoil was unsuitable, a subbase material was constructed under the macadam pavement. With the completion of this project, the road from Pittstown to Jutland will be improved for the entire distance, and will provide a highway to Jutland from the East.

Most of the work on this project was done in 1940, except some slopes, ditching and final clean-up completed in 1941.

Raccoon Creek Bridge & Approaches
Woodbury-Auburn Road At Swedesboro
Federal Project # FAS 47A (1)

Logan Township	Gloucester County
General Contractor:	Edward H. Ellis, Inc.
Bonding Company:	Standard Accident Insurance Co.
Resident Engineer:	Norman F. Rigor
Length of Project:	0.187 miles
Pavement:	8" Reinf. Conc. Pavt. & 7" Penet. Mac. Pavt. 40' & variable width.
Graded:	40' & variable single width with 5' walk space each side.
Right of Way:	66' & 96' wide
Bids Received: 6-13-41	Contract Awarded: 6-24-41
Date of Contract: 7-18-41	
Contract Date for Starting: 7-24-41	Date Started: 7-30-41
Completion time:	130 Working Days
Time used to 12-31-41	93½ Working Days
Amount of Original Contract:	$ 16,984.50 (Road)
Amount of Adjusted Contract to 12-31-41	16,984.50 (Road)
Amount completed to Dec. 31, 1941	5,490.00 (Road)

One Longitudinal beam encased in concrete bridge 40' wide, having 3 @ 33' and 1 @ 52' spans over Raccoon Creek is included in this contract at a bid price of $50,266.00.

This project consists of replacing a narrow single span bridge, with a bridge 40' wide having 5' sidewalk on each side and reconstructing approaches each end of the new bridge.

Raccoon Creek Bridge & Approaches
Woodbury-Auburn Road
at Swedesboro

Stockton-Flemington Road, Sec. #2
Sand Brook to Sergeantsville
Federal Project FAS 14B(1)

Delaware Township	Hunterdon County
General Contractor:	Gray Construction Co.
Bonding Company:	Seaboard Surety Co.
County Engineer:	Frank W. Bohren
Resident Engineer:	Carl Teegen
Length of Project:	2.39 miles
Pavement:	1" Bit. Conc. Type A Surface on 2" Pen. Macadam on 4" Mac. Foundation, single 18' width.
Shoulders:	5' earth shoulders
Graded:	28'
Right of Way:	66'
Bids Received: 9-20-40	Contract Awarded: 10-8-40
Date of Contract: 10-15-40	
Contract Date for Starting: 10-29-40	Date Started: 10-21-40
Completion Time:	90 Working Days
Contract Completed: 89½ Working Days	(Date) 9-23-41
Work Accepted by Commissioner:	Jan. 20, 1942
Amount of Original Contract:	$ 49,064.39
Total Cost to Date:	49,201.52 (Dispositions of claim for extra work remains to be determined)
Amount Completed in 1941:	44,486.52

The Stockton-Flemington Road is an important county highway leading from the bridge over the Delaware River at Stockton to Routes 29, 30, & 12 at Flemington. Section #2, from Sand Brook to Sergeantsville, was formerly paved with a narrow macadam pavement 12 feet wide and no shoulders. The Pavement was very rough and inadequate drainage caused many breaks in the surface. This project provided for a Bituminous concrete pavement 18 feet wide with 5 feet of shoulders on each side to replace this worn out pavement. Adequate drainage is provided, and together with the construction of subbase material under the new pavement at locations where the subgrade is unstable, pavement failures due to drainage should be eliminated. Through Sergeantsville the highway had been narrowed by the existence of retaining walls parallelling the road. These retaining walls were reconstructed back far enough to provide a 28' roadway and to allow for the construction of 4' sidewalks through the town. Drainage was completed during 1940-41 winter and the excavation and paving done during spring & summer.

Wiley Road, Section #2
Federal Aid Project FAS 45A (1)

Lower Penns Neck Township — Salem County

General Contractor: Joseph Lafferty
Bonding Company: Aetna Casualty & Surety Company
Resident Engineer: Harry H. Skinner, Co. Engr., & M. H. Boss

Length of Project: 0.712 miles
Pavement: 6" Gravel 20' & 30' widths
Shoulders: 3' Earth
Graded: 26' & 36' single widths
Right of Way: 66'

Bids Received: February 28, 1941 Contract Awarded: March 27, 1941
Date of Contract: April 5, 1941
Contract Date for Starting: April 15, 1941 Date Started: April 15, 1941
Completion time: 80 Working Days
Contract Completed: 65½ Working Days (Date) Aug. 7, 1941
Work Accepted by Commissioner: Aug. 26, 1941

Amount of Original Contract: $ 16,034.90 Road
Reductions 1,020.60
Final Cost: 15,014.30 Road
Amount Completed in 1941: 15,014.30

An encased I Beam bridge with 2-22' spans, was included in this contract at Game Creek at a cost of $ 23,187.80

This project was constructed by Federal and County funds. The Roadway, 20 and 30 feet in width of 6" untreated gravel, is constructed as follows: The 20' width is along the existing side road. The 30' width is over new alignment.

The project was built under State supervision with engineering and inspection furnished by the County of Salem.

N.J. State Highway Department, Southern District
Contracts Awarded Previous to 1941 and Carried into 1941
Road Work Only

R & S	Location	Co.	Type of Paving & Mileage Conc.	Bit.C.	Grav.	Graded	Misc.	Total	Adjusted Cont.Amt.	Completed Prev.1941	Completed in 1941	Complete in 1942
*4-41	Gord.Cor.-Browntown	Midd. & Mon.	5.155					5.155	$336411.11	$301867.50	$ 34543.61	
4-43	Marmora-Beesley's Pt.	C.May	1.923					1.923	43330.11	42100.00	1230.11	
25(1-5)	Dayton,Drain.& Shld.Pvt.	Midd.		.644				.644	23568.39		23568.39	
25-33	Deans to Cranbury	Midd.				6.253		6.253	169694.09	160650.00	9044.09	
25-5B & 6B	Port Reading R.R. to Plainfield Ave. Widening	Midd.	6.313	.035				6.348	574179.28	502106.47	72072.81	
*S26-1B & 25-4C&5C)	Adams Station to Plainfield Av.,Widening	Midd.	6.019	.499				6.518	729794.12	598200.00	131594.12	
28-22	Lebanon Relocation	Hunt.				2.850		2.850	80076.92	74300.00	5776.92	
*28-23	Clinton Pt.-C.R.R. Br.	Hunt.				1.752		1.752	230830.85		145350.00	85480.85
28-24	Van Syckles Cor.-Wh.Hse.	Hunt.				3.453		3.453	174517.30	18650.00	92020.00	63847.30
*28-25	White House-No.Branch	Hunt& Som.				4.427		4.427	191769.36	78600.00	99834.79	13334.57
28-26 & 28-29	North Branch-Conn.-1) Somerville	Som.				2.841		2.841	83118.77	48900.00	34218.77	
*29-6A	So.Main St., Lambertville	Hunt.	.697					.697	149815.19		149815.19	
33-35	Conn.-1, Rt.33-Asbury Ave.	Mon.			2.799			2.799	198753.09	54300.00	123800.00	20653.09
35-12B&13B	Smith-Green St. Shld.	Midd.	2.949					2.949	84524.92	83500.00	1024.92	
35-14B	So. Appr.to Raritan R.Br.	Midd.					.752I	.752	13443.62	10850.00	2593.62	
*35-4N-1	West Long Branch Conn.	Mon.	.331	.076	1.611			2.018	171691.49	36800.00	134891.49	
*39-1B&10A	Rt.25-White Horse Burl.	&Mor.	2.825					2.825	295203.30	3100.00	240700.00	51403.30
S41-2A & 3A	Rt.38-Kresson	Burl.	6.980					6.980	481979.12	477820.00	4159.12	
44-8	Bridgeport-By-Pass	Gloue.	1.000				.015S	1.015	81422.23	77500.00	3922.23	
*44-9	Westville-Pierces Cor.	Gloue.				3.203		3.203	208006.95		137300.00	70706.95
*44-10	Bridgeport-Nortonville	Gloue.	2.873					2.873	259600.39	32430.00	227170.39	
*49-16	So.Dennis Relocation	C.May	1.147					1.147	164509.07	130900.00	33609.07	
*54-1	Hammonton-Buena	Atlantic				7.165		7.165	298621.43	177475.60	121145.83	
*Gr.Elim.	E.of Franklin Av.W.Berlin	Camden			.328			.328	22260.71	1260.00	21000.71	
*Monmouth Road, Section 3		Mon. & Ocean	.017		4.603		.032W	4.652	36227.60	31070.00	5157.60	
Pittstown-Jutland Rd., Sec.2		Hunt		1.340				1.340	21865.39	20400.00	1465.39	
Stockton-Flemington Rd. " 2		Hunt.		2.390				2.390	49201.52	4715.00	44486.52	
	Totals		38.229	4.984	9.341	31.944	.799	85.297	5174416.32	2967494.57	1901495.69	305426.06

I - Roadside Improvement
S - Steel Lift Span
W - Wood Bridge Deck

* Bridge items included in contract.

N. J. State Highway Department, Southern District
Contracts Awarded in 1941
Road Work Only

R & S	Location	County	Type of Paving & Mileage Conc.	B. Conc	Gravel	Misc.	Total	Adjusted Cont.Amt.	Amt.Com-Pleted 1941	Amt.to Com-Plete in 1942
*4-1B	S.Amboy - Cheesequake	Midd.	2.761				2.761	$317795.36	$146515.75	$171279.61
4-41A	Gordon's Corner-Browntown	Midd. & Mon.				5.148 I	5.148	21742.83	8952.63	12790.20
*4-42A	Cheesequake-Browntown	Midd.	3.146				3.146	336891.80	311325.00	25566.80
4	Conn. to Somers Pt.Traffic Circle	Atlantic	.738				.738	72703.06	72703.06	
25-26C	Robbinsville-Hightstown	Mercer				4.333 C	4.333	73785.38	73785.38	
*25-33A	Deans to Cranbury	Midd.	6.377				6.377	667739.48	623000.00	44739.48
28-24	Sec.2 Straw Church-Rt.24	Warren				1.766 I	1.766	7771.95	7771.95	
*28-22A	Lebanon Relocation	Hunt.	2.846				2.846	438056.81		438056.81
28-24A&25A	Whitehouse Relocation	Hunt.	1.782				1.782	296966.45		296966.45
28-25B & 26A	No.Branch Relocation	Som.	2.200				2.200	511636.00		511636.00
33-35C.-1A&2,	And.Cor.-Rt.35 Circle	Mon.	2.039	.760		.967G	3.766	216717.80	134300.00	82417.80
35-38A	Morgan-Laurence Harbor	Midd.	1.269				1.269	481168.89		481168.89
35-4N-1A	West Long Branch Conn.	Mon.	1.090	.572			1.662	76381.79	76381.79	
38-3A	Pine & Madison Int.Mt.Holly	Burl.	.292				.292	28017.15	28017.15	
*38-4	Rt.34 to Rt. 35	Mon.			3.364		3.364	197243.47	197243.47	
*S41-3B&4A	Kresson-Rt. 43	Burl.&Cam.	5.996				5.996	423649.74	423649.74	
43-10	& Drainage at Linden	Cam.&)						9255.20		9255.20
47-9	wold & Hurffville	Gloue)								
44-12	Pennsville-Hook Rd.	Salem	1.980				1.980	134527.70		134527.70
*45	Newton Creek Bridge Approach.Struct.	Camden	.182				.182	9369.50		9369.50
*45	Appr.&47 Drain At Big Timber Creek	Camden		.139			.139	26633.91		26633.91
	Brunswick Pike Road, Section 1	Hunt.		2.840			2.840	84298.75	84298.75	
	Cuthbert Road Extension	Camden	1.524				1.524	71215.06	71215.06	
*Grade Elim.	E. of Haddon Ave.Berlin	Camden	.425		.101		.526	73731.06	73731.06	
	Kingwood-Byram Rd., Section 5	Hunt.		1.199			1.199	41326.95		41326.95
	Lambertville-Baptistown, Sec. 5	Hunt.		3.199			3.199	79361.03	79361.03	
	Old York Road	Burl.			5.760		5.760	37231.10	32550.00	4681.10
	*Raccoon Creek Bridge Approaches	Gloue.		.187			.187	16984.50	5490.00	11494.50
	*Wiley Road, Section 2	Salem			.712		.712	15014.30	15014.30	
	Totals		34.647	8.896	9.937	12.214	65.694	4767217.02	2465306.12	2301910.90

I - Roadside Improvement
C - Curb

*Bridge items included in contract
G - Grading

SUMMARY OF CONSTRUCTION
PERFORMED DURING 1941 BY
NEW JERSEY STATE HIGHWAY DEPARTMENT
SOUTHERN DISTRICT
ROAD WORK ONLY

Reinforced Concrete	Bituminous Concrete	Gravel	Grading	Roadside Improvement	Miscellaneous	Total Mileage	Contract Value Performed
1. State Highway Work Awarded Previous to Jan. 1, 1941 - Finished in 1941							
35.387	1.254	1.611	11.944	.752	.015S	50.963	$ 869,234.85
2. State Highway Work Awarded Previous to Jan. 1, 1941 - Carried into 1942							
2.825		2.799	20.000			25.624	960,150.62
3. State Highway Work Awarded and Completed in 1941							
8.116	.572	3.364		1.766	4.333C	18.151	879,552.54
4. State Highway Work Awarded in 1941 and Carried into 1942							
24.582	.899		.967	5.148		31.596	1,224.093.38
5. Federal Projects on Secondary Roads							
1.966	11.155	11.504			.032W	24.657	433,770.42
72.876	13.880	19.278	32.911	7.666	4.380	150.991	4,366,801.81 Totals

S - Steel Lift Span
W - Wood Bridge Deck
C - Curb

AVERAGE COMPRESSIVE STRENGTH
OF CORES FROM R. C. PAVEMENT LAID IN 1941
SOUTHERN DISTRICT

Rt.&Sec.	Contractor	Cement	Coarse Aggregate	Fine Aggregate	Reg. 28 Day Cores Dist. Off. #	Reg. 28 Day Cores Dist. Off. Av.	Reg. 28 Day Cores Lab. #	Reg. 28 Day Cores Lab. Av.	Test Slab Cores Dist. Off. #	Test Slab Cores Dist. Off. Av.	Test Slab Cores Lab. #	Test Slab Cores Lab. Av.	Remarks
4-1 Somers Point Traffic Circle	Monihan Contracting Co.	Keystone	Warner Company	Somers Point Sand Co.	7	7158	7	7158	6	8399	6	7754	9" R.C. 27E 7 bags, S.P. Curcrete
				Average	7	7158	7	7158	6	8399	6	7754	
4-1B	C.F. Malanka & Sons	Lehigh	New York Trap Rock Co.	Seaboard Sand & Gravel	12	7440	12	7414			6	7007	7 bags 9" R.C. 27E S.P. Curcrete
		Edison			13	6090	13	6090	6	6567	6	6321	
		Dragon			7	6637	7	6766			6	6653	
		Penn-Dixie			1	7638	1	7638			6	6844	
				Average	33	6744	33	6741	6	6567	24	6707	
4-42A	Jannarone Contracting Co.	Atlas	Bound Brook Stone	Dallenback Sand Co.	21	6048						5828	7 bags 9"RC
		Dragon			11	3104			12	6098	6	6471	8 bags 27E
		Keystone			14	3650						7231	7 bags S.P.
		Nazareth			10	3712						6630	8 bags
		Whitehall			20	3127			12	5290		5716	7 bags Curc.
				Average	76	6012	76	6124	24	5693	36	6265	
25-33A	G.M.Brewster & Son, Inc.	National			165	6112			30	6007	6	6000	8 bags 34EDP
		Nazareth			2	7695					6	7470	10"R.C.Curc. Bulk Cement
				Average	167	6131	167	6131	30	6007	12	6735	
29-6A	G.M.Brewster & Son, Inc.	National	Lambertville Stone	United Sd & Gl	19	5790	19	5485	6	6787	6	6211	9" R.C.Curc. 8 bags 27ESP
				Average	19	5790	19	5485	6	6787	6	6211	

Average Compressive Strength of Cores from R.C. Pavement Laid in 1941

Continued from previous sheet

Southern District

Rt.&Sec.	Contractor	Cement	Coarse Aggregate	Fine Aggregate	Reg.28 Day Cores Dist. Off. #	Reg.28 Day Cores Dist. Off. Av.	Reg.28 Day Cores Lab. #	Reg.28 Day Cores Lab. Av.	Test Slab Cores Dist. Off. #	Test Slab Cores Dist. Off. Av.	Test Slab Cores Lab. #	Test Slab Cores Lab. Av.	Remarks
33-35 Conn. 1A & 2	Jannarone Contracting Co.	Allentown Atlas Dragon Edison Keystone	Bennett & Schock Sd.&Gl.	Bennett & Schock Sd. & Gl.	2 14 6 5 5	7017 6283 6725 5756 6648	2 14 6 5 5	6927 6283 6725 5756 6648	6 6	6782 6840	6 6 6 6	6655 5924 5080 6992	9" R.C. 7 bags 27E S.P. Curcrete
				Average	32	6381	32	6386	12	6810	24	6162	
35-4N-1	Jannarone Contracting Co.	Atlas	Bennett & Schock Sd.&Gl.	Bennett & Schock Sd.&Gl.	13	6957	13	6957	18 3	7055 7063	6	6733	9"R.C.7 bags 8 bags 27E Curcrete S.P.
				Average	13	6957	13	6957	21	7056	6	6733	
35-4N-1A	Franklin Contr. Co.	Lehigh Lehigh	Bennett & Schock	Bennett & Schock	11 4	6848 7631	11 4	6848 7631			6 6	6701 7077	8 bags 9"R.C. 7 bags Curc.
				Average	15	7057	15	7057			12	6889	27E.S.P.
39-1B-10A	Nesto Contr. Co.	Allentown Dragon Edison Hercules Lehigh Lone Star Saylor Keystone	United Sd.&Gl. Co.	United Sd.&Gl. Co.	1 18 4 2 1 14 13	6636 6849 5073 5014 6170 6725 6931			12 6 6	7151 6217 6391	6 6 6	7388 5204 6951 6490	7 bags Curcrete
				Average	53	6616	53	6581	24	6727	24	6508	27E.S.P.
S41-3B-4A	F.A.Canuso & Sons	Lehigh Lehigh	Warner Co.	Atlantic States Constr. Co.	44 10	6779 7295	44 10	6779 7295	6	6906	6 6	7299 7353	7 bags 27ESP. 8 bags34EP. Bull Cement
		Lehigh	Warren Sd.&Gl.Co.		35	7326	35	7326	27	7600	12	7733	8 bags34EP Curcrete
				Average	89	7041	89	7048	33	7470	24	7530	

Average Compressive Strength of Cores from R.C. Pavement Laid in 1941 — Continued+ — Southern District

Rt.&Sec.	Contractor	Cement	Coarse Aggregate	Fine Aggregate	Reg.28 Day Cores Dist. Off. #	Dist. Off. Av.	Reg.28 Day Cores Lab. #	Lab. Av.	Test Slab Cores Dist. Off. #	Dist. Off. Av.	Test Slab Cores Lab. #	Lab. Av.	Remarks
44-10	S. J. Groves & Company	Alpha	Warner	Wenonah	8	6683			6	7021	6	6397	8 bags 9" R.C.
		Allentown		Sd.&Gl.Co.	7	6933			9	6953	12	6801	8 bags 27 E D
		Edison		Penn Jersey	5	6353					6	6073	8 bags Paver.
		Edison		Sd.&Gl.Co.	2	5483			6	5991	6	6379	7 bags
		Hercules		Wenonah	7	5896					6	6261	8 bags
		Lehigh		Sd.&Gl.Co.	7	7030					6	6755	8 bags
		Penn-Dixie	Company		8	6100					6	5990	8 bags
				Average	44	6464	44	6464	21	6700	48	6432	Curcrete
49-16	Harry Eisenberg Inc.	Allentown	Warner Company	Natural Sd.&Gl.Co.	2	7148			6	7157	6	7136	7 bags 27ES.P. 9" R.C.
				Average	2	7148	2	7148	6	7157	6	7136	Curcrete
Cuthbert Rd.Ext.	F. A.Canuso & Sons	Lehigh	Warner Company	Norcross Sand Co.	26	7291			12	7348	6	8092	7 bags 8" R.C.Curcrete
				Average	26	7291	26	7177	12	7348	6	8092	27 E.S.P.
Haddon Ave. Grade Elim. P-R.S.L.	Eisenberg Const. Co.	Atlas Saylor	Warner Company	Commercial Sand & Gl. Co.	4	6215					6	6763	7 bags 9" R.C.
					3	6235					6	7216	Curcrete
				Average	7	6226					12	6990	27 E.S.P.

Average Compressive Strength of Cores from R.C. Pavement Laid in 1941

Continued- Southern District

	Reg. 28 Day Cores				Test Slab Cores				
	Dist. Off. #	Dist. Off. Av.	Lab. #	Lab. Av.	Dist. Off. #	Dist. Off. Av.	Lab. #	Lab. Av.	Remarks
Yearly Average - 8" R. C. Pavement	26	7291	26	7177	12	7348	6	8092	7 bags
9" " " "	390	6566	390	6564	159	6847	228	6614	7 & 8 bags
10" " " "	167	6131	167	6130	30	6007	12	6735	8 bags
9" & 10" R.C.Pavement	557	6436	557	6436	189	6713	240	6621	7 & 8 bags
8"-9"-10"R.C.Pavement	583	6479	583	6479	201	6751	246	6656	7 & 8 bags
Yearly Average of all Cement used during 1941									
Allentown	12	6943			15	7034	18	6913	
Alpha	8	6683			6	7021	6	6397	
Atlas	52	6353			27	6995	24	6495	
Edison	29	5895			12	6279	30	5811	
Dragon	42	6624			30	6667	30	6563	
Keystone	26	6786			12	7395	18	7326	
Hercules	9	5700					6	6261	
Lehigh	150	7181			45	7438	48	7098	
Lone Star	14	6725			6	6217	6	6951	
National	184	6079			36	6137	12	6105	
Nazareth	12	6875					12	7050	
Penn-Dixie	9	6271					12	6417	
Saylor	16	6801					12	6853	
Whitehall	20	5127			12	5290	12	5716	

Note:
S.P. - Single Drum Paver
D.P. - Dual Paver

ANNUAL REPORT - 1941

BRIDGE DIVISION

For the year 1941, the organization of the Bridge Division consisted of an average of 63 employees.

The personnel is classified as follows:

1 - Bridge Engineer

1 - Chief Draftsman

3 - Senior Bridge Designers

9 - Bridge Designers

3 - Structural Draftsman

4 - Bridge Detailers

5 - Resident Engineers

33 - Bridge Inspectors

1 - Auditor

1 - Principle Clerk-Stenographer

2 - Stenographers

During the past year contracts for the construction of bridges or other structures were awarded as follows:

Highway and Stream Bridges on State Highways.....	25
Highway and Stream Bridges not on State Highways.....	12
R.R.Grade Crossing Separations On State Highways.....	1
R.R.Grade Crossing Separations Not on State Highways.	3
County Bridges.....	13
	54

Plans and specifications for the railroad grade separations, prepared by the Railroad Companies, were checked by this Division and field supervision was exercised by our forces.

The plans and specifications for the 13 contracts on County Highways involving structures, which were built with State Aid from Motor Vehicle Funds and 12 Contracts on County Highways, which were built under the F.A.S. Program, were checked and the construction supervised by this Division. There were 3 contracts for structures on County Highways let in 1940 and completed in 1941.

There were also 28 bridges on State Highways and 2 Railroad Grade Separations not on State Highways contracted for in 1940 but completed in 1941.

The distribution of the contracts on State Highways awarded in 1941 including railroad crossings is given by routes in the following tabulation:

Route	No. of Structures.
#1	1
S-3	1
4	1
4&35	2
6	3
18	1
25	1
28	5
35	1
38	1
45	1
45 & 47	1
47	1
54	4
56	2

In addition to the above, there were under construction during 1941, 3 railroad bridges and 12 stream bridges not on State Highways, and 13 on County Highways, built with Motor Vehicle Aid and 38 bridges which were awarded before 1941 making a total of 92 structures under construction during the past year.

The work during 1940, has been divided into the following seven classes:

1. Bridge contracts on State Highways let in 1939 and under construction in 1941:

	Adjusted Contract amount.	Val. of Wk. Done previous to 1941	Val. of Wk. Done During 1941	Val. of Wk. to be done in 1942
Highway Bridges	$1,549,211.44	$1,522,827.63	$26,383.81	0
R.R.Gr.Separations	0	0	0	0
	$1,549,211.44	$1,522,827.63	$26,383.81	0

2. Bridge Contracts on State Highways let in 1940 and under construction in 1941:

Highway Bridges	$773,427.81	$192,065.49	$ 581,362.32	0
R.R.Grade Separations	196,416.20	105,640.72	90,775.48	0
	$969,844.01	$297,706.21	$672,137.80	0

3. Bridge Contracts not on State Highways let in 1940 and under construction in 1941:

Highway Bridges	0	0	0	0
R.R. Grade Separations	$198,219.49	$14,869.54	$183,349.95	0
	$198,219.49	$14,869.54	$183,349.95	0

4. Bridge Contracts using Motor Vehicle Aid Let in 1940 and under construction in 1941:

Highway Bridges	$12,138.15	$6,751.25	$5,386.90	0

5. Bridge Contracts on State Highways let during 1941:

Highway Bridges	$3,515,106.12	0	$347,519.01	$3,167,587.11
R.R.Grade Separations	61,597.45	0	4,106.30	57,491.15
	$3,576,703.57	0	$351,625.31	$3,225,078.26

6. Bridge contracts not on State Highways let during 1941:

Highway & Stream Brs.	$241,714.29	0	$212,576.70	$29,137.59
R.R.Grade Separations	315,954.21	0	223,935.74	92,018.47
	$557,668.50		$436,512.44	$121,156.06

7. Bridge contracts using motor Vehicle Aid let during 1941:

Highway Bridges:	$260,999.67	0	$221,459.62	$39,540.05

BRIDGES ON STATE HIGHWAYS LET IN 1939 AND UNDER CONSTRUCTION IN 1941.

Rt. No.	Sec.	Local Name	Adjusted Contract Price	Value of Work Done in 1939	Value of Work done in 1940	Value of Work done in 1941.	Starting Date	Date Completed.
6	12	Passaic River	$141,763.87	$24,419.00	$115,387.07	$1,957.80	10/24/39	7/7/41
25		Passaic River-Struct.Steel	1,089,423.35	0	1,071,420.31	18,003.04	5/1/40	3/1/41
44	8	Raccoon Creek	318,024.22	138,966.00	172,635.25	6,422.97	7/31/39	1/8/41
			$1,549,211.44	$163,385.00	$1,359,442.63	$26,383.81		

Route #6, Sec. #12

Sta. 13+10

County	Morris
Municipality	Montville Township
Local Name	Passaic River Bridge
Federal Aid Project No.	88-A(2)
Type of Structure	Concrete abutments and piers, concrete deck on encased I beams.
Width of Roadway on Bridge	2 @ 32'
Width of Sidewalk	2 @ 6'-2" to 7'-3"+
Length of Spans	4 Spans -1@66.83'; 2@ 67.55' 1@ 67.92
Length of Bridge Deck on ℄ of Roadway	283.50'
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Gray Construction Company
Inspector in Charge of Work	H. R. Gabriel
Bonding Company	Seaboard Surety Company
Official Starting Date	11/6/39
Work Started	10/24/39
Working days specified	150
Date of Completion	7-7-41
Engineer's Estimate of Cost	$178,575.00
Contract Price	$144,844.00
Adjusted Contract Price	$141,763.87
Value of Work Done in 1939	$ 24,419.00
Value of Work done in 1940	$115,387.07
Value of Work Done in 1941	$ 1,957.80

Route #25, Sec. #3C-B

County	Hudson & Essex
Municipality	Newark & Kearny
Project	Structural Steel for approaches and lift span.
Local Name	Passaic River Bridge
Width of Roadway on Bridge	2 @ 24' (4'-0" Island
Width of Sidewalk " "	2 @ 6'-0"
Width of Roadway Under Bridge	1 @ 60'-0"±; 1 @ 56'-0"
Width of Sidewalk " "	4 @ 6'-0"+
Length of Spans	Lift Span 5@ 2@ 8@ 4@ 328'-0± 76'± 110'± 79'± 78'±
Length of Bridge Deck on ℄ of Roadway	2273.5
Contractor	American Bridge Company
Inspector in Charge of Work	A. E. Lee
Bonding Company	U.S. Fidelity & Guaranty Company
Official Starting Date	12/8/39
Work Started	5/1/40
Working days specified	450 Cal.Days
Date of Completion	3/1/41
Contract Price	$1,099,505.62
Engineer's Estimate of Cost	$1,314,726.50
Adjusted Contract Price	$1,089,423.35
Value of work done in 1940	$1,071,420.31
Value of work done in 1941	$ 18,003.04

Route #44, Sec. #8

Sta. 727+0

County	Gloucester
Municipality	Boro of Bridgeport
Local Name	Raccoon Creek Bridge
Federal Project	122-E(1)
Type of Structure	Vertical lift draw span
Width of Roadway on Bridge	2 @ 24' 1-4' Island
Width of Sidewalk " "	2 @ 6'
Length of Spans	2 @ 37' 2@ 39' 1 @ 85'-8"
Length of Bridge Deck on ∅ of Roadway	235.16'
Deck Covering	Steel grids on draw span Concrete on approach spans
Type of Foundation	Concrete on piles
Contractor	F. A. Canuso & Son
Inspector in Charge of Work	C. D. Weller
Bonding Company	Standard Accident Insur. Co.
Official Starting Date	7/5/39
Work Started	7/31/39
Working days specified	225
Date of Completion	1/8/41
Engineer's Estimate of Cost	$306,422.45
Contract Price	$323,177.40
Adjusted Contract Price	$318,024.22
Value of Work Done in 1939	$138,966.00
Value of Work Done in 1940	$172,635.25
Value of Work Done in 1941	$ 6,422.97

HIGHWAY BRIDGE CONTRACTS ON STATE HIGHWAYS LET IN 1940 AND UNDER CONSTRUCTION IN 1941.

Route	Sect.	Local Name		Contract Amt.	Adjusted Contract Amount	Value of Wk. Done in 1940	Value of Wk. Done in 1941	Work Started	Date or % Completed
#4 *	42-A	Overpass at Route #28	181-C-1	$57,749.85	$57,976.18	0	$57,976.18	3/4/41	9/3/41
4 *	42-A	Warnes Brook	181-C-1	5,028.07	4,731.87	0	4,731.87	4/15/41	9/3/41
4 *	42-A	Tenants Brook	181-C-1	3,538.54	3,216.38	0	3,216.38	5/12/41	9/3/41
4 *	42-A	Branch of Tenants Brook	181-C-1	6,655.20	6,971.73	0	6,971.73	3/24/41	9/3/41
4 *	42 A	Rt.4 No.Bd.over Rt. 4 So.Bd.	181-C-1	37,689.85	38,573.33	0	38,573.33	5/12/41	9/3/41
6 *	8-A	Pedestrian Underpass	131-G(2)	9,373.10	9,254.45	0	9,254.45	2/11/41	7/14/41
6 *	8-A	Piaget Ave.	131-G(2)	43,800.40	44,029.03	0	44,029.03	1/8/41	8/1/41
25 *	33A	Cranbury Brook	SN.123-C(2)	2,616.00	3,016.11	0	3,016.11	6/12/41	11/13/41
25 *	33A	Jamesburg Rd. Overpass	SN 123-C(2)	35,288.00	35,564.09	0	35,564.09	1/23/41	12/19/41
25 *	33A	Lawrence Brook	SN 123-C(2)	45,504.40	45,650.26	0	45,650.26	1/13/41	12/19/41
25 *	33A	Big Ditch	SN 123-C(2)	17,841.30	17,686.07	0	17,686.07	1/ 3/41	12/19/41
25	30B	Passaic River Bridge Deck		138,110.98	138,551.76	134,395.15	4,156.61	7/18/40	2/15/41
28 *	23	Beaver Brook Sta. 115+38		40,954.50	43,024.70	0	43,024.70	4/7/41	12/11/41
29 *	2-E	So.Springfield Ave. Underpass	SN178D(1)	52,647.45	52,647.45	0	52,647.45	7/7/41	12/12/41
29 *	2-E	Rahway River	SN 178-D(1)	28,277.00	28,277.00	0	28,277.00	1/13/41	7/31/41
29 *	2-E	Branch Rahway River	SN 178-D(1)	6,383.15	6,383.15	0	6,383.15	1/13/41	4/3/41
29 *	2-E	Overpass Westfield Ave.	SN 178-D(1)	26,276.45	26,276.45	0	26,276.45	12/23/40	12/11/41
29 *	2-D	W. Branch Elizabeth River	178-C(1)	4,919.59	4,919.59	0	4,919.59	6/19/41	8/7/41
29 *	2-D	Rosemont Avenue	178-C(1)	44,225.25	43,848.02	0	43,848.02	4/21/41	12/9/41
29 *	6-A	Small Stream	W.P.A. P-53	7,000.00	7,073.00	1,750.00	5,323.00	12/16/40	9/18/41
35-4N *	1	Franklin Park Lake		6,619.40	6,788.01	66.20	6,721.81	11/7/40	4/3/41
39 *	1B&10A	Crosswicks Creek Bridge Widening		55,134.35	52,432.81	7,716.74	44,716.07	11/22/40	8/8/41
S41*	3A& 4A	Kresson Lake Ext.	183-B(1)	6,817.35	7,380.26	0	7,380.26	1/21/41	8/26/41
44 *	9	Hessian Run		21,791.00	21,791.00	0	21,791.00	6/26/41	12/10/41
44 *	10	Big Birch Creek		11,364.00	12,951.22	0	12,951.22	1/21/41	4/24/41
44 *	10	Little Birch Creek		6,024.00	6,196.28	2,108.40	4,087.88	12/16/40	3/7/41
45		Raccoon Creek Sta.1085+65		36,059.00	36,850.53	35,337.82	1,512.71	9/23/40	4/25/41
54	1	Br. of Hospitality Cr. WPA P-40 Sta.354+57		11,367.08	11,367.08	10,691.18	675.90	9/23/40	2/8/41
		* = In Road Contract		$769,055.26	$773,427.81	$192,065.49	$581,362.32		

Route #4, Sec. #42-A

Sta. 302+95.6

County	Middlesex
Municipality	Madison Township
Local Name	Overpass at Rt. #28
Federal Aid Project No.	181-C(1)
Type of Structure	Conc.Abuts.& Pier-Encased I beam deck
Width of Roadway on Bridge	68'
Width of Sidewalk " "	2 @ 6'-9"
Width of Roadway Under Bridge	58'-0"
" " Sidewalk " "	2 @ 6'-0"
Length of Spans	2 @ 38'-2"
Length of Bridge Deck on ∅ of Roadway	80'-4"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Jannarone Contracting Co.
Inspector in Charge of Work	M. L. Vail
Bonding Company	Massachusetts Bonding & Insurance Company
Official Starting Date	2/3/41
Work Started	3/4/41
Working days specified	120
Date of Completion	9/3/41
Engineer's Estimate of Cost	$59,407.90
Contract Price	$57,749.85
Adjusted Contract Price	$57,976.18

REMARKS: IN ROAD CONTRACT.

Route #4, Sec. #42-A

Sta. 252+71

County	Middlesex
Municipality	Madison
Local Name	Warnes Brook
Federal Project No.	181-C(1)
Type of Structure	Reinf. Conc.Abut & deck
Width of Roadway on Bridge	48'-9"
Width of Sidewalk " "	2 @ 6'-0"
Length of Spans	14'-0" clear
Length of Bridge Deck on ℄ of Roadway	17'-6"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Jannarone Contracting Co.
Inspector in Charge of Work	M. L. Vail
Bonding Company	Massachusetts Bonding & Insurance Company
Official Starting Date	2/3/41
Work Started	4/15/41
Working days specified	120
Date of Completion	9/3/41
Engineer's Estimate of Cost	$5,117.00
Adjusted Contract Price	$4,731.87
Contract Price	$5,028.07

REMARKS: IN ROAD CONTRACT.

Route #4, Sec. #42-A

Sta. 258+70

County	Middlesex
Municipality	Madison Township
Local Name	Tenants Brook
Federal Project No.	181-C(1)
Type of Structure	Concrete Box Culvert
Width of Roadway on Bridge	50'
Length of Spans	8'-0" Clear
Length of Bridge Deck on ℄ of Roadway	10'-0"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Jannarone Contracting Co.
Inspector in Charge of Work	M. L. Vail
Bonding Company-	Massachusetts Bonding & Insurance Company
Official Starting Date	2/3/41
Work Started	5/12/41
Working days specified	120
Date of Completion	9/3/41
Engineer's Estimate of Cost	$3,364.00
Contract Price	$3,538.54
Adjusted Contract Price	$3,216.38

REMARKS: IN ROAD CONTRACT.

Route #4, Sec. #42

Sta. 290+51

County	Middlesex
Municipality	Madison Township
Local Name	Branch of Tenants Brook
Federal Project No.	181-C(1)
Type of Structure	Concrete Box Culvert
Width of Roadway on Bridge	50'
Length of Spans	8'-0" clear
Length of Bridge Deck on ℄ of Roadway	10'-0"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Jannarone Contracting Co.
Inspector in Charge of Work	M. L. Vail
Bonding Company	Massachusetts Bonding & Insurance Co.
Official Starting Date	2/3/41
Work Started	3/24/41
Working days specified	120
Date of Completion	9/3/41
Engineer's Estimate of Cost	$6,481.00
Contract Price	$6,655.20
Adjusted Contract Price	$6,971.73

REMARKS:

IN ROAD CONTRACT.

Route #4, Section #42-A

Sta. 171+50

County	Middlesex
Local Name	Rt. 4 No.Bound over Rt. 4 So. Bound
Federal Project No.	181-C(1)
Type of Structure	Conc.Abuts -Thru girder & Conc. encased deck beams.
Width of Roadway on Bridge	24'
Width of Sidewalk on Bridge	1 @ 2'-0"; 1 @ 6'-0"
Width of Roadway Under Bridge	32'-0"
" " Sidewalk " "	1 @ 2'-9" and 1 @ 6'-4"
Length of Spans	84' - 4-1/2"
Length of Bridge Deck on ℄ of Roadway	91' - 6-1/2"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Jannarone Contracting Co.
Inspector in Charge of Work	M. L. Vail
Bonding Company	Mass. Bonding & Insur. Co.
Official Starting Date	2/3/41
Work Started	5/12/41
Working days specified	120
Date of Completion	9/3/41
Engineer's Estimate of Cost	$39,610.25
Contract Price	$37,689.85
Adjusted Contract Price	$38,573.33

REMARKS: IN ROAD CONTRACT.

Route #6, Sec. #8-A

Sta. 270+21

County	Passaic
Municipality	Clifton
Local Name	Pedestrian Underpass
Federal Aid Project No.	131-G(2)
Type of Structure	Reinf. Conc. Box
Width of Roadway on Bridge	16'-0" Island; 1 @ 42' 1 @ 54'-6"
Width of Sidewalk " "	1 @ 10'-6"; 1 @ 11'-0"
Width of Sidewalk Under Bridge	5'-0"
Length of Spans	6'-0" Clear
Length of Bridge Deck on ℄ of Roadway	8'-0"
Deck Covering	Earth fill
Type of Foundation	Concrete
Contractor	LaFerra-Grecco Contracting Co.
Inspector in Charge of Work	H. R. Gabriel
Bonding Company	Standard Accident Insur.Co.
Official Starting Date	11/8/40
Work Started	2/11/41
Working days specified	140
Date of completion	7/14/41
Engineer's Estimate of Cost	$10,472.75
Contract Price	$9,373.10
Adjusted Contract Price	$9,254.45

REMARKS: LET WITH ROAD CONTRACT.

Route #6, Sec. #8-A & 8-B

Sta. 277+0

County	Passaic
Municipality	Clifton
Local Name	Piaget Ave.
Federal Aid Project No.	131-G(2)
Type of Structure	Conc. abutments-Slab with encased I Beams.
Width of Roadway on Bridge	2 @ 26'-0" 6'-0" Island
Width of Sidewalk " "	1 @ 6'-0"
Width of Roadway Under Bridge	2 @ 15'-0" 2'-0" Island
" " Sidewalk " "	1 @ 2'-0"; 1 @ 6'-0"
Length of Spans	40'-0" clear
Length of Bridge Deck on ∅ of Roadway	60'-10"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	LaFerra-Grecco Contract.Co.
Inspector in Charge of Work	H. R. Gabriel
Bonding Company	Standard Accident Insur.Co.
Official Starting Date	11/8/40
Work Started	1/8/41
Working days specified	140
Date of Completion	8/1/41
Engineer's Estimate of Cost	$47,861.42
Contract Price	$43,800.40
Adjusted contract price	$44,029.03

Route #25, Sec. #33-A

Sta. 659+67

County	Middlesex
Municipality	Boro of Cranbury
Local Name	Cranbury Brook
Federal Aid Project No.	SN 123-C(2)
Type of Structure	Conc.Abut.Slab & floor
Width of Roadway on Bridge	1 @ 34' 1 @ 45' 11' Island
Length of Spans	12'-0" clear
Length of Bridge Deck on ℄ of Roadway	14'-6"
Deck Covering	Earth Fill
Type of Foundation	Concrete
Contractor	Geo. M.Brewster & Son, Inc.
Inspector in Charge of Work	M. L. Vail
Bonding Company	Aetna Casualty & Surety Co.
Official Starting Date	2/3/41
Work Started	6/12/41
Working Days Specified	120
Date of Completion	11/13/41
Engineer's Estimate of Cost	$2,954.00
Contract Price	$2,616.00
Adjusted Contract Price	$3,016.11

REMARKS: LET WITH ROAD CONTRACT.

Route #25, Sec. #33-A

Sta. 444+27.34

County	Middlesex
Municipality	South Brunswick Township
Local Name	Jamesburg Road Overpass
Federal Aid Project No.	SN 123-C(2)
Type of Structure	Conc.Abuts.Slab with I beams encased
Width of Roadway on Bridge	2 @ 32' 4'-0" Island
Width of Sidewalk " "	2 @ 6'-1-1/2"
Width of Roadway Under Bridge	40'-0"
" " Sidewalk " "	2 @ 6'-0"
Length of Spans	52'-0" clear
Length of Bridge Deck on ℄ of Roadway	58'-5"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Geo. M. Brewster & Son, Inc.
Inspector in Charge of Work	M.L. Vail
Bonding Company	Aetna Casualty & Surety Co.
Official Starting Date	2/3/41
Work Started	1/23/41
Working days specified	120
Date of Completion	12/19/41
Engineer's Estimate of Cost	$47,716.30
Contract Price	$35,288.00
Adjusted Contract Price	$35,564.09

REMARKS: LET WITH ROAD CONTRACT.

Route #25, Sec. #33-A

Sta. 323+63

County	Middlesex
Municipality	So. Brunswick Twp.
Local Name	Lawrence Brook
Federal Aid Project No.	SN 123-C(2)
Width of Roadway on Bridge	2 @ 35'-0" 30'-0" Island
Width of Sidewalk " "	1 @ 18'-9" 1 @ 18'-8"
Length of Spans	40'-0" clear
Length of Bridge Deck on ℄ of Roadway	46'-3"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Geo. M. Brewster & Son, Inc.
Inspector in Charge of Work	M. L. Vail
Bonding Company	Aetna Casualty & Surety Co.
Official Starting Date	2/3/40
Work Started	1/13/41
Working days specified	120
Date of Completion	12/19/41
Engineer's Estimate of Cost	$55,491.00
Contract Price	$45,504.40
Adjusted Contract Price	$45,650.26

REMARKS: LET WITH ROAD CONTRACT.

Route #25, Sec. #33-A

Sta. 367+72

County	Middlesex
Municipality	So.Brunswick Twp.
Local Name	Big Ditch
Federal Aid Project No.	S.N. 123-C(2)
Type of Structure	R. C. Walls & slab
Width of Roadway on Bridge	2 @ 20'-0" 30'-0" Island
Length of Spans	18'-0" clear
Length of Bridge Deck on ℄ of Roadway	27'-0"
Deck Covering	Earth Fill
Type of Foundation	Concrete
Contractor	Geo. M.Brewster & Son, Inc.
Inspector in Charge of Work	M. L. Vail
Bonding Company	Aetna Casualty & Surety Co.
Official Starting Date	2/3/41
Work Started	1/3/41
Working days specified	120
Date of Completion	12/19/41
Engineer's Estimate of Cost	$20,011.00
Contract Price	$17,841.30
Adjusted Contract Price	$17,686.07

REMARKS: LET WITH ROAD CONTRACT.

Route #25, Section #30-B

County	Essex & Hudson
Local Name	Passaic River Bridge Dock
Type of Structure	Steel Vertical Lift
Width of Roadway on Bridge	2 @ 24'-0" 4'-0" Island
Width of Sidewalk " "	2 @ 7'-10"
Length of Spans	1 @ 366'-6" ±; 2 @ 126'-0"± 17 @ 81'-6"±
Length of bridge deck on ℄ of Roadway	2005'-0"
Deck Covering	Conc. & open grid.
Type of Foundation	Concrete and piles
Contractor	LaForra-Grecco Contracting Co
Inspector in Charge of Work	A. E. Lee
Bonding Company	Standard Accident Insur.Co.
Official Starting Date	7/26/40
Work Started	7/18/40
Date of Completion Specified	12/1/40
Date of Completion	2/15/41
Engineer's Estimate of Cost	$158,275.70
Contract Price	$138,110.98
Adjusted Contract Price	$138,551.76
Value of Work Done in 1940	$134,395.15
Value of work done in 1941	$ 4,156.61

Route #28, Sec. #23

Sta. 115+38.5

County	Hunterdon
Local Name	Beaver Brook
Type of Structure	Barrel Arch
Width of Roadway on Bridge	2 @ 35'-0" 50' Island
Length of Spans	28'-0" @ Springing Line
Deck Covering	Earth fill
Type of Foundation	Concrete
Contractor	Samuel Colacurcio Inc.
Inspector in Charge of Work	H.R.Gabriel
Bonding Company	The Aetna Casualty & Surety Company
Official Starting Date	1/27/41
Work Started	4/7/41
Working days specified	150
Date of Completion	12/11/41
Engineer's Estimate of Cost	$51,497.00
Contract Price	$40,954.50
Adjusted Contract Price	$43,024.70

REMARKS: LET WITH ROAD CONTRACT.

Route #29, Sec. #2-E

Sta. 469+50.91

County	Union
Municipality	Springfield Township
Local Name	So.Springfield Ave.Underpass
Federal Aid Project No.	SN 178-D(1)
	Conc.Abuts & Pier Encased I beam deck
Width of Roadway on Bridge	2 @ 20' 2'-0" Island
Width of Sidewalk " "	2 @ 6'-0"
Width of Roadway Under Bridge	2 @ 31'-6" 6'-0" Island
" " Sidewalk " "	2 @ 7'-0"
Length of Spans	2 @ 58' 9-3/8"
Length of Bridge Deck on ℄ of Roadway	127' 3-1/2"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Franklin Contracting Co.
Inspector in Charge of Work	A. E. Lee
Bonding Company	Standard Accident Insur.Co.
Official Starting Date	2/3/41
Work Started	7/7/41
Working days specified	140
Date of Completion	12/12/41
Contract Price	$52,647.45
Adjusted contract price	$52,647.45

REMARKS: LET WITH ROAD CONTRACT.

Route #29, Sec. #2-E

Sta. 421+28

County	Union
Municipality	Union & Springfield Twp.
Local Name	Rahway River
Federal Aid Project No.	S.N. 178-D(1)
Type of Structure	Concrete Frame
Width of Roadway on Bridge	44'-0" clear
Width of Sidewalk " "	2 @ 7'-0"
Length of Spans	48'-0" clear
Length of Bridge Deck on ℄ of Roadway	54'-0"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Franklin Contracting Co.
Inspector in Charge of Work	A. E. Lee
Bonding Company	Standard Accident Insurance Company
Official Starting Date	2/3/41
Work Started	1/13/41
Working days specified	140
Date of Completion	7/31/41
Contract Pricd	$28,277.00
Adjusted contract price.	$28,277.00

REMARKS: LET WITH ROAD CONTRACT.

Route #29, Sec. #2-E

Sta. 425+37

County	Union
Municipality	Springfield Township
Local Name	Branch of Rahway River
Federal Aid Project No.	S.N. 178-D(1)
Type of Structure	R. C. Box Culvert
Width of Roadway on Bridge	44'-0"
Width of Sidewalk " "	2 @ 7'-0"
Length of Spans	10'-0" clear
Length of Bridge Deck on ℄ of Roadway	13'-0"
Deck Covering	Earth fill
Type of Foundation	Concrete
Contractor	Franklin Contracting Co.
Inspector in Charge of Work	A. E. Lee
Bonding Company	Standard Accident Insur.Co.
Official Starting Date	2/3/41
Work Started	1/13/41
Working days specified	140
Date of Completion	4/3/41
Contract Price	$6,383.15
Adjusted contract price	$6,383.15

REMARKS: LET WITH ROAD CONTRACT.

Route #29, Sec. #2-E

Sta. 491+76.71

County	Union
Municipality	Mountainside Boro
Local Name	Overpass Westfield Ave.
Federal Aid Project No.	178D(1)
Type of Structure	Conc.Abuts.-Slab with Encased I beams
Width of Roadway on Bridge	32'-0"
Width of Sidewalk " "	2 @ 6'-6" +
Width of Roadway Under Bridge	26'-0"
" " Sidewalk " "	1 @ 6'-0"±; 1 @ 7'-0" ±
Length of Spans	54'-0"+ c to c bearing
Length of Bridge Deck on ∅ of Roadway	55'-0"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Franklin Contracting Co.
Inspector in Charge of Work	A. E. Lee
Bonding Company	Standard Accident Insur.Co.
Official Starting Date	2/3/41
Work Started	12/23/40
Working days specified	140
Date of Completion	12/11/41
Contract Price	$26,276.45
Adjusted Contract Price	$26,276.45

REMARKS: LET WITH ROAD CONTRACT.

Route #29, Sec. #2-D

Sta. 364+75

County	Union
Municipality	Union Township
Local Name	W.Branch Elizabeth River
Federal Aid Project No.	178-C(1)
Type of Structure	Conc. Box Culvert
Width of Roadway on Bridge	44'-0"
Length of Spans	7'-0" clear
Length of Bridge Deck on ℄ of Roadway	13'-0"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	LaFerra-Grecco Contracting Company
Inspector in Charge of Work	A. E. Lee
Bonding Company	Standard Accident Insur.Co.
Official Starting Date	11/8/40
Work Started	6/19/41
Working days specified	140
Date of Completion	8/7/41
Engineer's Estimate of Cost	$5,512.50
Contract Price	$4,919.59
Adjusted Contract price	$4,919.59

REMARKS: LET WITH ROAD CONTRACT.

Route #29, Sec. #2-D

County	Union
Municipality	Union Township
Local Name	Rosemont Ave.
Federal Aid Project No.	178-C(1)
Type of Structure	Conc.Abut.Encased I beam deck.
Width of Roadway on Bridge	2 @ 30'-0" with 22'-0" open between roadways.
Width of Sidewalk " "	1 @ 8'-1-1/2" 1@ 8'-6"
Width of Roadway Under Bridge	40'-0"
" " Sidewalk " "	2 @ 10'-0"
Length of Spans	61'-0" clear
Length of Bridge Deck on ℄ of Roadway	64'-4"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	LaFerra-Grecco Contracting Company.
Inspector in Charge of Work	A. E. Lee
Bonding Company	Standard Accident Insur.Co.
Official Starting Date	11/8/40
Work Started	4/21/41
Working days specified	140
D te of Completion	12/9/41
Engineer's Estimate of Cost	$46,536.13
Contract Price	$44,225.25
Adjusted Contract Price	$43,848.02

REMARKS: LET WITH ROAD CONTRACT.

Route #29, Sec. #6-A

Sta. 352+20

County	Hunterdon
Municipality	Lambertville
Local Name	Small Stream
Federal Aid Project No.	W.P.A. P 53
Type of Structure	Conc.Abut. & slab
Width of Roadway on Bridge	2 @ 29' 6'0" Island
Width of Sidewalk " "	1 @ 4'-0"
Length of Spans	8'-0" clear
Length of Bridge Deck on ℄ of Roadway	19'-0"
Deck Covering	Earth fill
Type of Foundation	Concrete
Contractor	Geo.M.Brewster & Son, Inc.
Inspector in Charge of Work	H. R. Gabriel
Bonding Company	The Aetna Casualty & Surety Company
Official Starting Date	12/30/40
Work Started	12/16/40
Working days specified	120
Date of Completion	9/18/41
Engineer's Estimate of Cost	$8,321.75
Contract Price	$7,000.00
Adjusted Contract Price	$7,073.00
Value of Work Done in 1940	$1,750.00
Value of Work done in 1941	$5,323.00

REMARKS: LET WITH ROAD CONTRACT.

Route #35 - 4N Conn., Sec. #1

Sta. 102+40.44

County	Monmouth
Local Name	Franklin Park Lake
Type of Structure	Conc. Box Culvert
Width of Roadway on Bridge	2 @ 35' 25'-0" Island
Width of Sidewalk " "	2 @ 15'-0"
Length of Spans	10'
Length of Bridge Deck on ℄ of Roadway	12'-2"
Deck Covering	Concrete slab on earth fill
Type of Foundation	Concrete
Contractor	Jannarone Contracting Co.
Inspector in Charge of Work	M. L. Vail
Bonding Company	Mass. Bonding & Insur.Co.
Official Starting Date	10/4/40
Work Started	11/7/40
Working days specified	120
Date of Completion	4/3/41
Engineer's Estimate of Cost	$7,528.00
Contract Price	$6,619.40
Adjusted Contract Price	$6,788.01
Value of Work Done in 1940	$ 66.20
Value of work done in 1941	$6,721.81

REMARKS: LET WITH ROAD CONTRACT.

Route #39, Sec. 1B & 10A

Sta. 1406+31

County	Burlington & Mercer
Municipality	Near Bordentown
Local Name	Widening Crosswicks Creek Bridge
Type of Structure	Conc.Abutments & Pier-Encased I beam Deck
Width of Roadway on Bridge	35'-0"
Width of Sidewalk " "	1 @ 6'-10-1/2"
Length of Spans	2 @ 76'-0"
Length of Bridge Deck on ℄ of Roadway	152'-0"
Deck Covering	Concrete
Type of Foundation	Concrete & Timber Piles
Contractor	Joseph Nestø & Company
Inspector in Charge of Work	M. L. Vail
Bonding Company	Standard Accident Insur.Co.
Official Starting Date	11/8/40
Work Started	11/22/40
Working days specified	120
Date of Completion	8/8/41
Engineer's Estimate of Cost	$57,852.98
Contract Price	$55,134.35
Adjusted Contract Price	$52,432.81
Value of Work Done in 1940	$ 7,716.74
Value of Work to be done in 1941	$44,716.07

REMARKS: LET WITH ROAD CONTRACT.

Route #S-41, Sec. #3-A

Sta. 670+84

County	Camden & Burlington
Municipality	Vorhees & Evesham Townships
Local Name	Kresson Lake Extension
Federal Aid Project No.	183-B(1)
Type of Structure	Conc.Abuts.& deck slab
Width of Roadway on Bridge	20' (new)
Width of Sidewalk " "	15'-0" (new)
Length of Spans	16'-0" clear
Length of Bridge Deck on ℄ of Roadway	25'-0"
Deck Covering	Earth Fill
Type of Foundation	Conc. on Timber Piles
Contractor	Francis A. Canuso & Son
Inspector in Charge of Work	P. McCullough
Bonding Company	Standard Accident Ins.Co.
Official Starting Date	2/3/41
Work Started	1/21/41
Working days specified	140
Date of Completion	8/26/41
Engineer's Estimate of Cost	$5,656.45
Contract Price	$6,817.35
Adjusted Contract Price	$7,380.26

REMARKS: LET WITH ROAD CONTRACT.

Route #44, Sec. #9

Sta. 151+17

County	Gloucester
Municipality	West Depthford Township
Local Name	Hessian Run
Type of Structure	Conc. Box Culvert
Width of Roadway on Bridge	2 @ 35' 30'-0" Island
Length of Spans	12'-0" clear
Length of Bridge Deck on ℄ of Roadway	27'-9"
Type of Foundation	Conc. on timber piles
Deck Covering	Earth Fill
Contractor	Santinello Bros.
Inspector in Charge of Work	C. D. Weller
Bonding Company	The Aetna Casualty & Surety Company
Official Starting Date	1/20/40
Working days specified	140
Work Started	6/26/41
Date of Completion	12/10/41
Engineer's Estimate of Cost	$18,263.00
Contract Price	$21,791.00
Adjusted contract price	$21,791.00

REMARKS: LET WITH ROAD CONTRACT.

Route #44, Sec. #10

Sta. 824+14

County	Gloucester
Municipality	Logan Township
Local Name	Big Birch Creek
Type of Structure	Conc.Abutments & Deck
Width of Roadway on Bridge	35'-0"
Length of Spans	20'-0" clear
Length of Bridge Deck on ∅ of Roadway	24'-0"
Deck Covering	Concrete slab & earth fill
Type of Foundation	Concrete & Timber Pile
Contractor	S. J. Groves & Sons Co.
Inspector in Charge of Work	C. D. Weller
Bonding Company	Royal Indemnity Co.
Official Starting Date	10/14/40
Work Started	1/21/41
Working days specified	140
Date of Completion	4/24/41
Engineer's Estimate of Cost	$8,292.50
Contract Price	$11,364.00
Adjusted Contract Price	$12,951.22

REMARKS: LET WITH ROAD CONTRACT.

Route #44, Sec. #10

Sta. 820+73.5

County	Gloucester
Municipality	Logan Twp.
Local Name	Little Birch Creek
Type of Structure	Conc.Abutments and Deck
Width of Roadway on Bridge	35'-0"
Length of Spans	9'-0" Clear
Length of Bridge Deck on ∅ of Roadway	12'-0"
Deck Covering	Concrete slab on Earth Fill
Type of Foundation	Concrete
Contractor	S.J.Groves & Sons Company
Inspector in Charge of Work	C. D. Weller
Bonding Company	Royal Indemnity Company
Official Starting Date	10/14/40
Work Started	12/16/40
Working days specified	140
Date of Completion	3/7/41
Engineer's Estimate of Cost	$4,276.50
Contract Price	$6,024.00
Adjusted Contract Price	$6,196.28
Value of Work Done in 1940	$2,108.40
Value of Work to be done in 1941	$4,087.88

REMARKS: LET WITH ROAD CONTRACT.

Route #45

Sta. 1085+65

County	Gloucester
Municipality	Mullica Hill
Local Name	Raccoon Creek
Project	(Reconstruction)
Type of Structure	Conc.Abutments-Encased I Beam Deck
Width of Roadway on Bridge	40'-0"
Width of Sidewalk " "	2 @ 6'-2"
Length of Spans	40' -0
Length of Bridge Deck on ℄ of Roadway	43'-10"
Deck Covering	Concrete
Type of Foundation	Concrete on Timber Piles
Contractor	Eisenberg Construction Co.
Inspector in Charge of Work	P. McCullough
Bonding Company	Maryland Casualty Co.
Official Starting Date	9/14/40
Work Started	9/23/40
Working days specified	50
Date of Completion	4/25/41
Engineer's Estimate of Cost	$42,138.00
Contract Price	$36,059.00
Adjusted Contract Price	$36,850.53
Value of Work Done in 1940	$35,337.82
Value of work to be done in 1941	$ 1,512.71

Route #54, Sec. #1

Sta. 354+57

County	Atlantic
Municipality	Buena Vista Township
Local Name	Branch of Hospitality Creek
Federal Aid Project	W.P.A. P-40
Type of Structure	Concrete Abut. & Slab
Width of Roadway on Bridge	16'-0" Island; 2@ 35'-0"
Width of Sidewalk " "	2 @ 14'-0"; 14'-0" Edge
	Gravel to parapet.
Length of Spans	12'-0" clear
Length of Bridge Deck on ℄ of Roadway	17'-10"
Deck Covering	Earth Fill
Type of Foundation	Concrete
Contractor	Maintenance Div.
Inspector in Charge of Work	None
Work Started	Sept. 13, 1940
Date of Completion	Feb. 8, 1941
Adjusted Contract Price	$11,367.08
Value of Work Done in 1940	$10,691.18
Value of Work done in 1941	$ 675.90

RAILROAD BRIDGES ON STATE HIGHWAYS LET IN 1940 AND COMPLETED IN 1941.

Route	Sec.	Local Name	Contract Price	Adjusted Contract Price	Value of Work done in 1940	Value of Work done in 1941	Starting Date	Date of Completion
#23	8-B	L.& N.E. RR.Papakating Creek Sta. 31+90	$120,046.28	$117,366.53	$105,640.72	$11,725.81	7/15/40	9/4/41
#25	33-A	Freehold & Jamesburg R.R. Station 472+95	76,923.40	79,049.67	0	79,049.67	4/21/41	12/19/41
			$196,969.68	$196,416.20	$105,640.72	$90,775.48		

Route #23, Sec. #8-B

Sta. 31+90

County	Sussex
Municipality	Wantage Township
Local Name	L. & N.E. R.R.Papakating Cr.
Federal Aid Project No.	FAGH 82-A(2)
Type of Structure	Open Conc.Abut & Piers I Beam & Girder Encased Deck.
Width of Roadway on Bridge	2 @ 24' 6'-0 Island
Width of Sidewalk " "	2 @ 6'-2"
Width of Roadway Under Bridge	Stream & R.R. Track
Length of Spans	1 @ 55'; 1 @ 62'-6"; 1@ 105' 1 @ 52' All C-C Brgs.
Length of Bridge Deck on ℄ of Roadway	278'-0" ±
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Jannarone Contracting Co.& Ell-Dorer Contracting Co.
Inspector in Charge of Work	H. R. Gabriel
Bonding Company	Mass.Bonding & Insurance Co.
Official Starting Date	7/29/40
Work Started	7/15/40
Working days specified	180
Date of Completion	9/4/41
Engineer's Estimate of Cost	$116,535.95
Contract Price	$120,046.28
Adjusted Contract Price	$117,366.53
Value of Work Done in 1940	$105,640.72
Value of Work done in 1941	$11,725.81

Route #25, Sec. #33-A

Sta. 472+95

County	Middlesex
Municipality	So.Brunswick Twp.
Local Name	Freehold & Jamesburg R.R.
Federal Aid Project No.	S.N. 123-C(2)
Type of Structure	Open Conc.Abut. & Piers I Beam Encased Deck.
Width of Roadway on Bridge	2 @ 32' 4'-0" Island
Width of Sidewalk " "	2 @ 6'-0"
Width of Roadway Under Bridge	12'-2" c to c Double Track Roadbed.
Length of Spans	2 @ 42'-0" ±; 1 @ 34'-1"± clear.
Length of Bridge Deck on ℄ of Roadway	164'- 8-1/4"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Geo. M.Brewster & Son,Inc.
Inspector in Charge of Work	M. L. Vail
Bonding Company	Mass. Bonding & Insur.Co.
Official Starting Date	2/3/41
Work Started	4/21/41
Working days specified	120
Date of Completion	12/19/41
Engineer's Estimate of Cost	$89,030.25
Contract Price	$76,923.40
Adjusted Contract Price	$79,049.67

RAILROAD BRIDGES NOT ON STATE HIGHWAYS LET IN 1940 AND COMPLETED IN 1941.

Project	Local Name	Contract Price	Adjusted Contract Price	Value of Work Done in 1940	Work done in 1941	Starting Date	Date of Completion.
FAGM 24-A(1)	Overpass P.R.S.S.L. East of Franklin Ave. (Berlin Boro & Twp)	$33,043.43	$33,461.24	$14,869.54	$18,591.70	11/4/40	5/17/41
FAGM 6-B(1)	Overpass P.R.S.S.L. Haddon Avenue (Berlin Boro & Twp)	$163,584.10	$164,758.25	0	$164,758.25	2/5/41	12/2/41
		$196,627.53	$198,219.49	$14,869.54	$183,349.95		

Grade Crossing Elimination

F.A.G.M. 24-A(1)

County	Camden
Municipality	Berlin Boro and Township
Project	Grade Crossing Elimination
Local Name	Overpass P.R.Seashore Line East of Franklin Ave.
Federal Aid Project No.	FAGM 24-A(1)
Type of Structure	Open Conc.Abut. & Piers Conc. Slab on I Beams
Width of Roadway on Bridge	30'
Width of Sidewalk " "	2 @ 6'-0"
Width of Roadway Under Bridge	Double Track Roadbed
Width of Sidewalk " "	-
Length of Spans	3 @ 38'-4" along ℄ highway
Length of Bridge Deck on ℄ of Roadway	118'-0" +
Deck Covering	Conc. Wearing Surface
Type of Foundation	Concrete
Contractor	Eisenberg Construction Co.
Inspector in Charge of Work	M. L. Vail
Bonding Company	Maryland Casualty Co.
Official Starting Date	11/11/40
Work Started	11/4/40
Working days specified	110
Date of Completion	5/17/41
Engineer's Estimate of Cost	$27,972.85
Contract Price-Bridge items	$33,043.43
Adjusted Contract Price	$33,461.24
Value of Work Done in 1940	$14,869.54
Value of Work done in 1941	$18,591.70

FAGM 6-B(1)

HADDON AVE. OVERPASS

STA. 25+0

County	Camden
Municipality	Berlin Boro & Township
Project	Grade Crossing Elimination
Local Name	Overpass P.R.Seashore Lines Haddon Avenue
Federal Aid Project No.	FAGM6-B(1)
Type of Structure	Open Conc.Abut. & Piers Thru Girder Conc. Deck on I Beams.
Width of Roadway on Bridge	44'-0"
Width of Sidewalk " "	End spans 1 @ 7'-8" Cen.Span 1 @ 5'-0"
Width of Roadway Under Bridge	Double Track Roadbed
Length of Spans	2 @ 43'-6"; 2 @ 72'-4"; 2 @ 93'-5"; 1 @ 14'-6"
Length of Bridge Deck on ℄ of Roadway	433'-0"
Deck Covering	Conc. Wearing Surface
Type of Foundation	Reinf. Concrete
Contractor	Eisenberg Construction Co.
Inspector in Charge of Work	C. D. Weller
Bonding Company	Maryland Casualty Co.
Official Starting Date	2/3/41
Work Started	2/5/41
Working days specified	160
Date of Completion	12/2/41
Engineer's Estimate of Cost	$158,926.50
Contract Price	$163,584.10
Adjusted Contract Price	$164,758.25

MOTOR VEHICLE AID BRIDGES LET BY THE STATE IN 1940 AND COMPLETED IN 1941

County	Local Name	Contract Price	Adj.Contr.Price	Value of Work Done in 1940	Value of Work in 1941	Starting Date	Date Completed
Cumberland	Parvins Br.Bridge So.E.Boulevard	$3,844.00	$3,838.35	Not Started	$3,838.35	12/7/40	3/24/41
"	Parvins Br.Bridge So.W.Boulevard	3,338.00	3,384.75	$3,304.62	80.13	10/14/40	3/20/41
"	Parvins Br.Bridge East Ave.	4,923.75	4,915.05	3,446.63	1,468.42	10/21/40	3/21/41
		$12,105.75	$12,138.15	$6,751.25	$5,386.90		

South East Boulevard
Sta. 3+0
Cumberland County

County	Cumberland
Municipality	Landis
Local Name	Parvins Branch Br. on Southeast Boulevard.
Type of Structure	Conc. Box Culvert
Width of Roadway on Bridge	30'-0"
Width of Sidewalk " "	2 @ 5'-0"
Length of Spans	12'-0"
Length of Bridge Deck on ℄ of Roadway	14'-0"
Deck Covering	Gravel
Type of Foundation	Concrete
Contractor	Hill & Fox
Inspector in Charge of Work	P. McCullough
Bonding Company	Glenn Falls Indemnity Company
Official Starting Date	12/7/40
Work Started	Jan. 13, 1941
Working days specified	65
Date of Completion	3/24/41
Contract Price	$3,844.00
Adjusted Contract Price	$3,838.35
Value of Work done in 1941	$3,838.35

REMARKS: STATE'S SHARE $2,000.00

So. West Boulevard.
Sta. 3+0
Cumberland County

County	Cumberland
Municipality	Landis
Local Name	Parvins Branch Br.(S.W.Boulevard)
Type of Structure	Conc. Box Culvert
Width of Roadway on Bridge	30'-0"
Width of Sidewalk " "	2 @ 5'
Length of Spans	12'-0"
Length of Bridge Deck on ℄ of Roadway	14'-0"
Deck Covering	Gravel
Type of Foundation	Concrete
Contractor	C. Fiske Campbell
Inspector in Charge of Work	P. McCullough
Bonding Company	U. S. Casualty
Official Starting Date	Oct. 9, 1940
Work Started	Oct. 14, 1940
Working days specified	65
Date of Completion	3/20/41
Contract Price	$3,338.00
Adjusted contract price	$3,384.75
Value of Work Done in 1940	$3,304.62
Value of Work done in 1941	$ 80.13

East Avenue,

Station 2+90

Cumberland County.

County	Cumberland
Municipality	Landis
Local Name	Parvins Branch Bridge(East Ave.)
Type of Structure	Conc. Box Culvert
Width of Roadway on Bridge	30'-0"
Width of Sidewalk " "	2 @ 5'-0"
Length of Spans	12'-0"
Length of Bridge Deck on ℄ of Roadway	19'-0"
Deck Covering	Gravel
Type of Foundation	Concrete
Contractor	C. Fiske Campbell
Inspector in Charge of Work	P. McCullough
Bonding Company	U. S. Casualty Company
Official Starting Date	10/21/40
Work Started	Nov. 27, 1940
Working days specified	65
Date of Completion by 12/31/40	3/21/41
Contract Price	$4,923.75
Adjusted Contract Price	$4,915.05
Value of Work Done in 1940	$3,446.63
Value of Work done in 1941	$1,468.42

CONTRACTS ON STATE HIGHWAYS LET IN 1941.

Route No.	Section	Local Name	Contract Price	Adjusted Contract Price	Value of Work Done in 1941	Starting Date	Date or % Completed
** S3	1	Erie Railroad & Berry Creek Viaduct	$689,539.50	$689,539.50	0	6-20-41	0
* 4	1B	Overpass at Bordentown Avenue	44,949.25	44,949.25	$19,177.75	7-25-41	42%
* 4&35	11B	Overpass at Oak Street	53,010.30	53,010.30	0	Not Started	0
* 4&35	11B	Pedestrian Tunnel at Oak Street	13,095.00	13,095.00	0	Not Started	0
* 6	21A	Den Brook	27,340.68	27,649.07	27,649.07	7/25/41	12/4/41
* 6	21A	Den Brook Bridge Extension	4,292.90	4,491.12	4,491.12	7/25/41	12/4/41
* 6	21A	Overpass at Route 5N	63,013.05	62,715.02	62,087.85	7/25/41	99%
* 18	1	Branch of Deep Run	16,148.50	16,148.50	0	Not Started	0
** 25	30	Removal of Old Passaic River Bridge	86,493.20	87,753.28	87,665.53	3/12/41	99.9%
* 28	22A	So.Branch of Rockaway River	17,175.09	17,175.09	0	5/1/42	0
* 28	22A	Cattlepass	8,766.81	8,766.81	0	5/1/42	0
* 28	22A	So. Branch of Rockaway Creek	21,591.66	21,591.66	0	5/1/42	0
** 28	25	Overpass at Station Road	62,272.00	62,272.00	0	2/2/42	0
** 28	26	North Branch of Raritan River	201,229.20	201,229.20	0	2/2/42	0
** 35	38	Cheesequake Creek Bridge	942,893.70	942,893.70	63,923.90	10/6/41	6.8%
* 38	4	Wreck Pond Bridge	15,827.00	15,821.54	15,821.54	5/10/41	9/11/41
* 45		Newton Creek Bridge	48,428.25	48,428.25	0	1/10/42	0
* 45&47	17	Reconstruction of Big Timber Creek Bridge	36,115.20	36,115.20	0	Not Started	
** 47	8	Malaga Branch Bridge	9,832.50	9,774.48	9,774.48	8/21/41	10/9/41
** 54	1	Great Egg Harbor River	33,066.86	33,066.86	33,066.86	2/4/41	11/18/41
** 54	1	Branch of Pennypot Creek Sta. 223+84	12,878.49	12,878.49	12,878.49	4/14/41	11/13/41
** 54	1	Branch of Pennypot Creek Sta.214+98.9	10,982.42	10,982.42	10,982.42	6/3/41	11/13/41
** 54	1	Overpass at Route #42	59,273.58	59,273.58	0	1/30/42	0
* 56		Venice Lagoon	98,911.20	98,911.20	0	1/30/42	0
* 56		Beach Thorofare	936,574.60	936,574.60	0	1/30/42	0
			$3,513,700.94	$3515,106.12	$347,519.01		

* = Let with Road Contract ~~14~~ 15

** = Let Separate ~~11~~ 10

Total - 25 25

Route #S-3, Sec. #1

County	Bergen
Municipality	Rutherford
Local Name	Erie Railroad & Berry Creek Viaduct
Type of Structure	Deck Beams on Concrete Piers
Width of Roadway on Bridge	2 @ 38'-0" Isl. 4'-0"
Width of Sidewalk " "	2 @ 4'-0"
Length of Spans	2 @ 63'-0"; 8 @ 72'-0"
Length of Bridge Deck on ℄ of Roadway	734'- 6-1/2"
Deck Covering	Concrete
Type of Foundation	Concrete on timber and steel piles
Contractor	Fehlhaber Pile Co., Inc.
Inspector in Charge of Work	H. R. Gabriel, Resident Engineer
Bonding Company	The Aetna Casualty & Surety Co.
Official Starting Date	June 20, 1941
Work Started	Not started in 1941
Working days specified	275 Working Days
Engineer's Estimate of Cost	$737,609.00
Contract Price	$689,539.50

REMARKS: Work of the contract has been delayed due to instability of approach embankments.

Route #4, Sec. #1-B
Sta. 60+49.34
Bordentown Ave. Overpass

County	Middlesex
Municipality	Sayreville
Local Name	Overpass at Bordentown Ave.
Type of Structure	Encased I Beam
Width of Roadway on Bridge	2 @ 32'-0"; Isl. 4'-0"
Width of Sidewalks " "	2 @ 6'-0"
Width of Roadway Under Bridge	2 @ 24'-0"; Isl. 7'-0"
Width of Sidewalk " "	2 @ 6'-0"
Length of Spans	1 @ 33'-2"; 1 @ 33'-9"
Length of Bridge Deck on ℄ of Roadway	81'-18"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	C. F. Malanka & Sons Inc.
Inspector in Charge of Work	M.L. Vail, Resident Engr.
Bonding Company	Standard Accident Insurance Co.
Official Starting Date	July 25, 1941
Work Started	August 28, 1941
Working days specified	120 W.Ds.
Percent of Completion by 12/31/41	42%
Engineer's Estimate of Cost	$59,498.70
Contract Price	$44,949.25
Adjusted Contract Price	$44,949.25
Value of Work Done in 1941	$19,177.75
Value of Work to be done in 1942	$25,771.50

Route #4&35, Sec. #11-B
Sta. 177+96.11

Municipality	Sayreville
Local Name	Overpass at Oak Street
Type of Structure	Longitudinal Steel Deck Beams
Width of Roadway on Bridge	1 @ 30'-0"
Width of Sidewalks " "	2 @ 6'-0"
Width of Roadway Under Bridge	2 @ 32'-0", Isl. 16'-0"
Width of Sidewalk " "	2 @ 6'-0"
Length of Spans	2 @ 44'-6"
Length of Bridge Deck on ℄ of Roadway	101'- 7-1/4"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Hogan-Gaul Construction Co.
Work Started	Not Started
Engineer's Estimate of Cost	$52,337.85
Contract Price	$53,010.30
Value of Work to be done in 1942	$53,010.30

Bridge was included in Roadway Contract.

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Route #4 & 35, Sec. 11-B
Sta. 171+34.30

Municipality	Sayreville
Local Name	Pedestrian Tunnel at Oak St.
Type of Structure	Concrete Box
Width of Roadway on Bridge	2 @ 32'-0" Isl. @ 16'-0"
Width of Sidewalk " "	None
Length of Span	1 @ 6'-0"
Length of Bridge Deck on ℄ of Roadway	7'-8"
Deck Covering	Embankment and Roadway Pavement
Type of Foundation	Concrete
Contractor	Hogan-Gaul Construction Co.
Work Started	Not Started
Engineer's Estimate of Cost	$12,180.50
Contract Price	$13,095.00
Value of Work to be done in 1942	$13,095.00

Bridge was included in Roadway Contract.

Route #6, Sec. #21-A
Sta. 27+29
Denville Relocation

County	Morris
	Denville Relocation
Local Name	Den Brook
Type of Structure	Concrete Encased I Beam
Width of Roadway on Bridge	2 @ 32'-0"; Island @ 20'-0"
Width of Sidewalks " "	2 @ 8'-0"
Length of Spans	1 @ 35'-0"
Length of Bridge Deck on ℄ of Roadway	39'-2"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Union Building & Construction Co.
Inspector in Charge of Work	H.R.Gabriel, Resident Engr.
Bonding Company	American Bonding Company
Official Starting Date	July 25, 1941
Work Started	June 27, 1941
Working days specified	120 Working Days
Date of Completion	Dec. 4, 1941
Engineer's Estimate of Cost	$30,468.75
Contract Price	$27,340.68
Adjusted Contract Price	$27,649.07
Value of Work Done in 1941	$27,649.07

Included in Road Contract.

Route #6, Sec. #21A
Sta. 10+70

County	Morris
Municipality	Denville Township
	Denville Relocation
Local Name	Den Brook Bridge Extension
Type of Structure	Reinforced Concrete Slab -2" F.ABC-1
Width of Roadway on Bridge	36'-0"
Width of Sidewalks " "	2 @ 6'-0"
Length of Spans	1 @ 21'-0"
Length of Bridge Deck on ℄ of Roadway	24'-0"
Deck Covering	Concrete & 2" F.A.B.C-1
Type of Foundation	Concrete
Contractor	Union Building & Construction Co.
Inspector in Charge of Work	H. R. Gabriel, Resident Engr.
Bonding Company	American Bonding Co.
Official Starting Date	July 25, 1941
Work Started	August 1, 1941
Working days specified	120 W.Ds.
Date of Completion	Dec. 4, 1941
Engineer's Estimate of Cost	$4,602.00
Contract Price	$4,292.90
Adjusted Contract Price	$4,491.12
Value of Work Done in 1941	$4,491.12

INCLUDED IN ROAD CONTRACT.

Route #6, Sec. #21-A
Station 249+10
Denville Relocation

County	Morris
Municipality	Denville Township
Local Name	Denville Relocation Overpass at Route 5N
Type of Structure	Encased I Beams
Width of Roadway on Bridge	2 @ 29'-0"
Width of Sidewalks" "	2 @ 6'-0"
Width of Roadway Under Bridge	2 @ 26'-0"
Width of Sidewalk " "	2 @ 6'-0"
Length of Spans	1 @ 36'-0"; 1 @ 38'-0"
Length of Bridge Deck on ℄ of Roadway	93' 7-1/2"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Union Building & Construction Co.
Inspector in Charge of Work	H. R. Gabriel, Resident Engr.
Bonding Company	American Bonding Company
Official Starting Date	July 25, 1941
Work Started	July 7, 1941
Working days specified	120 Working Days
Date of Completion	1/22/42
Percent of Completion by 12/31/41	99%
Engineer's Estimate of Cost	$69,427.50
Contract Price	$63,013.05
Adjusted Contract Price	$62,715.02
Value of Work Done in 1941	$62,087.85
Value of Work to be done in 1942	$ 627.17

INCLUDED IN ROAD CONTRACT.

Route #18, Sec. #1

Sta. 504+53

County	Middlesex
Municipality	Madison
Local Name	Old Bridge to Route #4 Branch of Deep Run
Type of Structure	Reinf. Conc. Arch
Width of Roadway on Bridge	2 @ 37'-0" Isl. 48'-0"
Width of Sidewalk " "	2 @ 10'-0"
Length of Spans	1 - 12'-0" Arch
Length of Bridge Deck on ℄ of Roadway	None
Deck Covering	Embankment & Roadway Pavement
Type of Foundation	Concrete
Contractor	Weldon Contracting Co.
Work Started	Not started
Engineer's Estimate of Cost	$13,943.50
Contract Price	$16,148.50

Bridge included in Roadway Contract.

Route #25, Sec. #30
Removal of Old Passaic Rv.Bridge

Project	Removal of Old Passaic River Bridge.
County	Essex & Hudson
Municipality	Newark & Kearny
Type of Foundation	Concrete on Piles
Contractor	General Contracting & Engineering Co.
Inspector in Charge of Work	A. E. Lee, Resident Engineer
Bonding Company	Seaboard Securety Co.
Official Starting Date	March 12, 1941
Work Started	March 12, 1941
Working days specified	90 Calendar Days
Percent of Completion by 12/31/41	99.9%
Engineer's Estimate of Cost	$101,795.00
Contract Price	$ 86,493.20
Adjusted Contract Price	$ 87,753.28
Value of Work Done in 1941	$ 87,665.53
Value of Work to be done in 1942	87.75

REMARKS: Contract consisted of the removal of the substructure and superstructure of the old bridge.

Route #28, Sec. #22-A
Sta. 240+00

County	Hunterdon
Municipality	Lebanon Lebanon Relocation -Annandale to Van Syckle's Corner
Local Name	So. Branch of Rockaway River
Type of Structure	Reinf. Concrete Slab
Width of Roadway on Bridge	2 @ 23'-0"; Isl. @ 48'-0"
Width of Sidewalks " "	2 @ 9'-0"
Length of Span	1 @ 20'-0"
Length of Bridge Deck on ∅ of Roadway	27'-0"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Jannarone Contracting Co.
Inspector in Charge of Work	A. E. Lee, Resident Engr.
Bonding Company	Massachusetts Bonding & Insur.Co.
Official Starting Date	May 1, 1942
Work Started	Not started in 1941
Working days specified	120 Working Days
Engineer's Estimate of Cost	$23,332.50
Contract Price	$17,175.09

REMARKS: BRIDGE WAS INCLUDED IN ROADWAY CONTRACT.

Route #28, Sec. #22-A
Station 269+00

County	Hunterdon
Municipality	Lebanon
	Lebanon Relocation-Annandale to VanSyckle's Corner.
Local Name	Cattle Pass
Type of Structure	Box Culvert
Width of Roadway on Bridge	2 @ 37'-0"; Isl. 48'-0"
Width of Sidewalk " "	2 @ 5'-0"
Length of Span	8'-0"
Deck Covering	Embankment & Roadway Pavement
Type of Foundation	Concrete
Contractor	Jannarone Contracting Co.
Inspector in Charge of Work	A. E. Lee, Resident Engineer
Bonding Company	Massachusetts Bonding & Insur. Co.
Official Starting Date	May 1, 1942
Work Started	Not started in 1941
Working days specified	120
Engineer's Estimate of Cost	$10,055.75
Contract Price	$ 8,766.81

REMARKS: Bridge was included in roadway contract.

Route #28, Sec. #22-A
Sta. 306+23.8

County	Hunterdon
Municipality	Lebanon
	Lebanon Relocation - Annandale to Vansyckle's Corner
Local Name	S.Br. Rockaway Creek
Type of Structure	Reinf. Concrete Slab
Width of Roadway on Bridge	2 @ 37'-0"; Isl. 48'-0"
Width of Sidewalk " "	None
Length of Span	1 @ 20'-0"
Length of Bridge Deck on ℄ of Roadway	23'-0"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Jannarone Contracting Co.
Inspector in Charge of Work	A.E.Lee, Resident Engr.
Bonding Company	Massachusetts Bonding & Insur.Co.
Official Starting Date	May 1, 1942
Work Started	Not started in 1941
Working days specified	120 W.Ds.
Engineer's Estimate of Cost	$27,107.00
Contract Price	$21,591.66

REMARKS: LET WITH ROAD CONTRACT.

Route #28, Sec. #25
Sta. 722+05.57

County	Somerset
Municipality	Branchville Township
Local Name	Overpass at Station Road
Type of Structure	Longitudinal Steel Beams Deck Span
Width of Roadway on Bridge	2 @ 35'-0"; Isl. 50'-0"
Width of Sidewalks " "	1 @ 6'-3"; 1 @ 2'-8"
Width of Roadway Under Bridge	1 @ 40'-0"
Width of Sidewalk " "	2 @ 6'-0"
Length of Spans	1 @ 52'-0"
Length of Bridge Deck on ℄ of Roadway	58'-10-3/4"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractpr	Ell-Dorer Contracting Co.
Inspector in Charge of Work	H. R. Gabriel, Resident Engr.
Bonding Company	American Surety Co. of N.Y.
Official Starting Date	2/2/42
Work Started	Not started in 1941
Working days specified	150
Engineer's Estimate of Cost	$64,274.95
Contract Price	$62,272.00

Route #28, Sec. #26
Sta. 730+86

County	Somerset
Municipality	Bridgewater Township
Local Name	Bridge over North Br. Raritan River
Type of Structure	Concrete Arch
Width of Roadway on Bridge	2 @ 35'-0"; Isl. 50'-0"
Width of Sidewalk " "	2 @ 6'-0"
Length of Spans	2 @ 58'-0"; 1 @ 64'-0"
Deck Covering	Fill and Roadway Pavement
Type of Foundation	Concrete
Contractor	Ell-Dorer Contracting Co.
Inspector in Charge of Work	H. R. Gabriel, Resident Engr.
Bonding Company	American Surety Co. of N.Y.
Official Starting Date	Feb. 2, 1942
Work Started	Not started in 1941
Working days specified	150
Engineer's Estimate of Cost	$246,589.70
Contract Price	$201,229.20

Route #35, Sec. #38

County	Middlesex
Municipality	Sayreville and Madison
Local Name	Cheesequake Creek Bridge
Type of Structure	Bascule Draw and Deck Beam Approaches
Width of Roadway on Bridge	2 @ 32'-0"; Isl. 4.0'
Width of Sidewalk " "	2 @ 6.0'
Length of Spans	1 @ 50' Basc.; 1@ 76'-4"; 1@59'-11"; 6 @ 70'-4"
Length of Bridge Deck on ℄ of Roadway	713'-0"
Deck Covering	Steel Grid on Draw Span-Concrete on others
Type of Foundation	Concrete on Piles
Contractor	Fehlhaber Pile Company, Inc.
Inspector in Charge of Work	C. L.Appleton, Resident Engr.
Bonding Company	The Aetna Casualty Surety Co.
Official Starting Date	October 6, 1941
Work Started	Nov. 10, 1941
Working days specified	275 W.Ds.
Percent of Completion by 12/31/41	6.8%
Engineer's Estimate of Cost	$921,123.90
Contract Price	$942,893.70
Adjusted Contract Price	$942,893.70
Value of Work Done in 1941	$ 63,923.90
Value of Work to be done in 1942	$878,969.80

Route #38, Sec. #4
Sta. 436+90

County	Monmouth
Municipality	Wall Township
	Route #34 to Route #35
Local Name	Wreck Pond Bridge
Type of Structure	Reinf. Concrete Slab.
Width of Roadway on Bridge	142.0
Width of Sidewalk " "	None
Length of Spans	1 @ 20'-0"
Length of Bridge Deck on ℄ of Roadway	23'-0"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Robert W.Cleveland & Co.
Inspector in Charge of Work	M. L. Vail, Resident Engr.
Bonding Company	The Fidelity & Casualty Co. of N.Y.
Official Starting Date	May 10, 1941
Working days specified	140 W.Ds.
Date of Completion	Sept. 11, 1941
Engineer's Estimate of Cost	$18,594.00
Contract Price	$15,827.00
Adjusted Contract Price	$15,821.54

REMARKS: BRIDGE LET WITH ROAEWAY CONTRACT.

Route #45

County	Camden County
Municipality	Haddon Township
	Reconstruction of Approach Structure
Local Name	Newton Creek Bridge Reconstruction
Type of Structure	Concrete T Beams on Steel Pile Bents
Width of Roadway on Bridge	56'-0"
Width of Sidewalk " "	1 @ 12'-0"
Length of Spans	1 @ 27'-0"; 1@ 15'-0"; 3@ 21'-0"
Length of Bridge Deck on ℄ of Roadway	100.40'
Deck Covering	Concrete
Type of Foundation	Steel Piles
Contractor	Eisenberg Construction Company
Bonding Company	Maryland Casualty Company
Inspector in Charge of Work	C. D. Weller
Official Starting Date	January 10, 1942
Work Started	Not started in 1941
Working days specified	75 Working Days
Engineer's Estimate of Cost	$47,526.75
Contract Price	$48,428.25

REMARKS: Reconstruction of roadway approaches included in contract but not included in costs listed above.

Rt. $45,& 47,Sec. #17
Storm Drain

County	Camden
Municipality	Brooklawn Boro
Local Name	Construction of Big Timber Creek Bridge
Type of Structure	Deck Girders on steel pile bents
Width of Roadway on Bridge	1 @ 47'-0"
Width of Sidewalks " "	2 @ 11'-8"
Length of Span	1 @ 58'-0"
Length of Bridge Deck on ℄ of Roadway	59' - 8-3/4"
Deck Covering	Concrete
Type of Foundation	Concrete on steel piles
Contractor	Eisenberg Construction Co.
Inspector in Charge of Work	C.D.Weller, Resident Engineer
Bonding Company	Maryland Casualty Co.
Work Started	Not started in 1941
Working days specified	120
Engineer's Estimate of Cost	$40,587.50
Contract Price	$36,115.20

REMARKS: Roadway work was included in the contract but is not included in above costs.

Route #47, Sec. #8

Malaga Branch Bridge.

County	Gloucester
Municipality	Franklin Township
Local Name	Malaga Branch Bridge
Type of Structure	Box Culvert
Width of Roadway on Bridge	64'-0"
Width of Sidewalk " "	None
Length of Spans	1 @ 12'-0"
Length of Bridge Deck on ℄ of Roadway	None
Deck Covering	Earth Fill
Type of Foundation	Concrete
Contractor	Hill & Fox
Inspector in Charge of Work	C.D.Weller, Resident Engr.
Bonding Company	Glen Falls Indemnity Co.
Official Starting Date	July 21, 1941
Work Started	July 14, 1941
Working days specified	80 W.Ds.
Date of Completion	Oct. 9, 1941
Engineer's Estimate of Cost	$8,615.00
Contract Price	$9,832.50
Adjusted Contract Price	$9,774.48

Route #54, Sec. #1
Sta. 288+75

County	Atlantic
Municipality	Folsom Borough
Local Name	Great Egg Harbor River
Type of Structure	Encased I Beam
Width of Roadway on Bridge	40'-0"
Width of Sidewalks " "	1 @ 2'-6" 1 @ 6'-0"
Length of Spans	1 @ 35'-0"
Length of Bridge Deck on ℄ of Roadway	41'- 4-3/4"
Deck Covering	Concrete
Type of Foundation	Concrete on Piles
Contractor	Maintenance Division
Inspector in Charge of Work	Patrick McCullough, Inspector
Work Started	2/4/41
Date of Completion	11/18/41
Cost of Construction	$33,066.86
State's Share	$11,575.11

REMARKS: Bridge was constructed by the W.P.A. under supervision of Maintenance Division.

Route #54, Sec. #1
Sta. 223+84

County	Atlantic
Municipality	Folsom Borough
Local Name	Branch of Pennypot Creek
Type of Structure	Reinfor. Conc. Slab
Width of Roadway on Bridge	38'-0"
Width of Sidewalks " "	1 @ 3'-0"; 1 @ 6'-0"
Length of Spans	1 @ 20'-0"
Length of Bridge Deck on ℄ of Roadway	23'-0"
Deck Covering	Concrete
Type of Foundation	Concrete on Piles
Contractor	Maintenance Division
Work Started	4/14/41
Date of Completion	11/13/41
Cost of Construction	$12,878.49
State&s Share	$3, 835.90

REMARKS: Bridge was constructed by the W.P.A. under supervision of Maintenance Division.

Route #54, Sec. #1
Sta. 214+98.9

County	Atlantic
Municipality	Hammonton
Local Name	Branch of Pennypot Creek
Type of Structure	Reinf. Conc. Slab
Width of Roadway on Bridge	38'-0"
Wdith of Sidewalks " "	1 @ 3'-0"; 1 @ 6'-0"
Length of Spans	1 @ 14'-6"
Length of Bridge Deck on ℄ of Roadway	17'-0"
Deck Covering	Concrete
Type of Foundation	Concrete on Piles
Contractor	Maintenance Division
Work Started	6/3/41
Date of Completion	11/13/41
Cost of Construction	$10,982.42
State's Share	$ 3,013.83

REMARKS: Bridge was constructed by the W.P.A. under supervision of Maintenance Division.

Route #54, Sec. #1
Sta. 299+92.20

County	Atlantic
Municipality	Folsom
Local Name	Overpass at Route #42
Type of Structure	Longitudinal Steel Deck Beams
Width of Roadway on Bridge	2 @ 26'-0"; Isl. 4'-0"
Width of Sidewalk " "	2 @ 6'-3"
Width of Roadway Under Bridge	2 @ 35'-0" Isl. 7'-0"
Width of Sidewalk " "	2 @ 10'-3"
Length of Spans	2 @ 47'-8"
Length of Bridge Deck on ℄ of Roadway	100'-11"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Eisenberg Construction Co.
Inspector in Charge of Work	Patrick McCullough, Inspector
Bonding Company	Maryland Casualty Co.
Official Starting Date	1/30/42
Work Started	Not started in 1941
Working days specified	100
Engineer's Estimate of Cost	$59,228.83
Contract Price	$59,273.58

Route #56,
Venice Lagoon
Absecon Boulevard

County	Atlantic
Municipality	Atlantic City
Type of Structure	Concrete Pile Trestle
Width of Roadway on Bridge	2 @35'-0"; Isl. 4'-0"
Width of Sidewalks " "	2 @ 6'-0"
Length of Spans	9 @ 20'-4"
Length of Bridge Deck on ℄ of Roadway	183'-0"
Deck Covering	Concrete
Type of Foundation	Concrete Piles and Timber Piles at Abutments.
Contractor	Ole Hansen
Inspector in Charge of Work	M. L. Vail, Resident Engineer
Bonding Company	Fidelity & Deposit Co.
Official Starting Date	1/30/42
Work Started	Not started in 1941
Working days specified	250
Engineer's Estimate of Cost	$114,317.60
Contract Price	$ 98,911.20

REMARKS: Roadway work included in contract but not in above costs.

Route #56,
Beach Thorofare

County	Atlantic
Municipality	Atlantic City
Local Name	Absecon Boulevard Beach Thorofare
Type of Structure	Bascule Draw Span and Deck Beam Approaches.
Width of Roadway on Bridge	2 @ 35'-0"; Isl. 4'-0"
Width of Sidewalk " "	2 @ 8'-6"
Length of Spans	Basc. 1 @ 60'-0"; 2@ 68'-0";1 @69'-0"; 1 @ 66'-4"; 2 @ 48'-0"
Length of Bridge Deck on ℄ of Roadway	474'-11"
Deck Covering	Steel Grid: on Draw Span-Concrete on others.
Type of Foundation	Concrete on piles
Contractor	Ole Hansen
Inspector in Charge of Work	M.L. Vail, Resident Engr.
Bonding Company	Fidelity & Deposit Co.
Official Starting Date	1/30/42
Work Started	Not started in 1941
Working days specified	250
Engineer's Estimate of Cost	$989,417.85
Contract Price	$936,574.60

REMARKS: Roadway work included in contract but not in above costs.

RAILROAD BRIDGES ON STATE HIGHWAYS LET IN 1941

Route	Section	Local Name	Contract Price	Adjusted Contract Price.	Value of Wk. done in 1941	Starting Date	Date or % Completed
#1	9-B	Overpass of N.Y.S. & W. Railroad	$61,597.45	$61,597.45	$4,166.30	8/4/41	7%

Route #1, Sec. #9-B
Sta. 19+94.32

County	~~Hudson~~ Bergen
Municipality	Boro of Fairview
Local Name	Overpass at N.Y.S. & W.R.R.
Federal Aid Project No.	FAGM 144B(1)
Type of Structure	Encased, continuous I Beam
Width of Roadway on Bridge	2 @ 24'-0"; 1 Isl. @ 2'-0"
Width of Sidewalks " "	1 @ 2'-0"; 1 @ 4'-10"
Length of Spans	1 @ 35'-2"; 1 @ 32'-0"; 1 @ 22'-1"
Length of Bridge Deck on ℄ of Roadway	98' 2-1/2"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	J. P. Burns
Inspector in Charge of Work	H. R. Gabriel
Bonding Company	Seaboard Surety Co.
Official Starting Date	8/4/41
Work Started	8/4/41
Working days specified	120
Percent of Completion by 12/31/41	7
Contract Price	$61,597.45
Adjusted Contract Price	$61,597.45
Value of Work Done in 1941	$ 4,106.30
Value of Work to be done in 1942	$57,491.15

REMARKS: Contract bridge items $61,597.45
Road Items..... $10,804.25

BRIDGE CONTRACTS NOT ON STATE HIGHWAYS LET DURING 1941 (F.A.S. PROGRAM)

County	Local Name		Engineers Estimate	Contract Amount	Adjusted Contr.Amt.	Value of Wk. Done in 1941	Value of Wk. To be Done In 1942	Starting Date	% or Date Of Completion.
Salem	Church Bridge #1116	FAS 52B(1)	$5,647.24	$5,691.70	$6,231.55	$6,231.55	0	3-11-41	5-22-41
Salem	Game Cr.Bridge	FAS 45A(1)	20,998.30	23,630.20	23,187.80	23,187.80	0	4-21-41	7-25-41
Gloucester	Raccoon Creek Br.	FAS 47A(1)	54,868.25	50,266.00	50,266.00	45,239.40	$5,026.60	7-30-41	90%
Burlington	D3.6 Copany Bridge	FAS 55A(1)	22,268.77	19,941.00	23,165.95	23,119.61	46.34	7-22-41	99.8%
"	C4.72 Pensauken Cr.	FAS 57A(1)	5,625.95	4,207.96	4,392.91	4,392.91	0	8-26-41	10-9-41
"	D4.85 So.Br. Rancocas Creek	FAS 58A(1)	9,115.40	7,388.06	8,276.06	8,276.06	0	9-15-41	11-13-41
"	D4.89 Br. to S.Br."	FAS 59A(1)	7,579.20	6,569.00	8,609.25	8,609.25	0	6-30-41	8-12-41
"	F4.4 Rancocas Ck.	FAS 56A(1)	28,847.18	24,808.92	24,808.92	744.27	24,064.65	12-29-41	3%
Salem	Deep Run Br. #1030	FAS 50A(1)	15,266.00	21,047.60	21,704.00	21,704.00	0	6-23-41	10-31-41
"	Effts Br. #1097	FAS 51A(1)	15,242.00	20,939.60	22,342.48	22,342.48	0	8-5-41	10-31-41
"	Daretown Mill Pond Br. #1121	FAS 52A(1)	16,030.61	16,989.66	18,487.82	18,487.82	0	5-26-41	9-30-41
Camden	Laurel Lake-N.Br.Timber Cr.	FAS 41A(1)	39,084.68	31,245.08	30,241.55	30,241.55	0	7-15-41	11-19-41
			$240,573.58	$232,724.78	$241,714.29	$212,576.70	$29,137.59		

CHURCH BRIDGE NO. 1116

Salem County.

County	Salem
Municipality	Daretown
Local Name=	Church Bridge No. 1116
Federal Aid Project No.	FAS 52-B(1)
Type of Structure	Concrete Box Culvert
Width of Roadway on Bridge	33'-8"
Width of Sidewalk " "	None
Length of Spans	1 @ 11'-0"
Length of Bridge Deck on ℄ of Roadway	13'-0"
Deck Covering	Gravel Fill over R.C. Slab
Type of Foundation	Concrete on Piles
Contractor	Jos. W. Rogers
Inspector in Charge of Work	P. McCullough
Bonding Company	Standard Accident Insurance Co.
Official Starting Date	3/15/41
Work Started	3/11/41
Working days specified	60
Date of Completion	5/22/41
Percent of Completion by Dec.31,1941	100
Engineer's Estimate of Cost	$5,647.24
Contract Price	$5,691.70
Adjusted Contract Price	$6,231.55
Value of Work Done in 1941	$6,231.55

GAME CREEK BRIDGE
F.A.S. 45-A(1)

UPPER PENNS NECK TWP.

County	Salem
Municipality	Upper Penns Neck Twp.
Local Name	Wiley Road, Section #2 Game Creek Bridge
Federal Aid Project No.	F.A.S. 45A(1)
Type of Structure	R.C.Abuts, Conc.Box Beams & R.C.Slab
Width of Roadway on Bridge	40
Length of Spans	2 @ 22-0' clear.
Length of Bridge Deck on ℄ of Roadway	51-0"
Deck Covering	Gravel Fill on R.C.Slab
Type of Foundation	Concrete on Piles
Contractor	Jos. Lafferty
Inspector in Charge of Work	P. McCullough
Bonding Company	The Aetna Casualty & Surety Co.
Official Starting Date	4/25/41
Work Started	4/21/41
Working days specified	80
Date of Completion	7/25/41
Engineers Estimate of Cost	$20,998.30
Contract Price	$23,630.20
Adjusted Contract Price	$23,187.80
Value of Work Done in 1941	$23,187.80

RACCOON CREEK BRIDGE

F.A.S. 47A(1)

County	Gloucester
Municipality	Swedesboro
Local Name	Raccoon Creek Bridge & Approaches
Federal Aid Project No.	FAS 47A(1)
Type of Structure	Conc. Pile Bent, Enc.Is & R.C. Slab
Width of Roadway on Bridge	40'-0
Width of Sidewalk " "	2 @ 5'-0"
Length of spans	3 @ 33'-0"; 1 @ 52'-0 C.C.Bents
Length of Bridge Deck on ℄ of Roadway	154'-0±
Deck Covering	Concrete
Type of Foundation	Conc. Pile Bent
Contractor	Edward H. Ellis Inc.
Inspector in Charge Of Work	C. D. Weller
Bonding Company	Standard Accident Insurance Co.
Official Starting Date	8/4/41
Work Started	7/30/41
Working days specified	130
% of Completionby 12/31/41	90%
Engineer's Estimate of Cost	$54,868.25
Contract Price	$50,266.00
Adjusted Contract Price	$50,266.00
Value of Work Done in 1941	$45,239.40
Value of work to be done in 1942	$ 5,026.60

D 3.6 COPANY BRIDGE

Federal Proj. FAS 55-A(1)

County	Burlington
Project	Reconstruction of Copany Bridge d3.6 on Burlington-Fort Dix Road
Local Name	d 3.6 Copany Bridge
Federal Aid Project No.	FAS 55-A(1)
Type of Structure	Reinf. Conc.Abuts. I Beams & R.C.Deck
Width of Roadway on Bridge	30'-0"
Width of Sidewalk " "	None
Length of Spans	1 @ 48.51'
Length of Bridge Deck on ℄ of Roadway	51'-0"±
Deck Covering	Concrete
Type of Foundation	Concrete & Piles
Contractor	Hill Construction Co.
Inspector in Charge of Work	P. McCullough
Bonding Company	Glen Falls Indemnity Co.
Official Starting Date	6/16/41
Work Started	7/22/41
Working days specified	100
Date of Completion	1/29/42
Percent of Completion by 12/31/41	99.8
Engineers Estimate of Cost	$22,268.77
Contract Price	$19,941.00
Adjusted Contract Price	$23,165.95
Value of work done in 1941	$23,119.61
Value of Work to be Done in 1942	46.34

PENSAUKEN CREEK BRIDGE

F.A.S. 57A(1)

County	Burlington
Project	Reconstruction of Bridge C4.72 on Harnsport-Evesboro Road
Local Name	C 4.72 Pensauken Creek
Federal Aid Project No.	FAS 57A(1)
Type of Structure	Creosoted Timber Structure
Width of Roadway on Bridge	14'-8" overall
Width of Sidewalk on Bridge	None
Length of Spans	11'-8"
Length of Bridge Deck on ℄ of Roadway	14'-0"±
Deck Covering	Creosoted Timber
Type of Foundation	Creosoted Timber Piles
Contractor	Hill Construction Co.
Inspector in Charge of Work	P. McCullough
Bonding Co.	Glen Falls Indemnity Co.
Official Starting Date	6/16/41
Work Started	8/26/41
Working days specified	100
Date of Completion	10/9/41
Percent of Completion by Dec.31,1941	100
Engineers Estimate of Cost	$5,625.95
Contract Price	$4,207.96
Adjusted Contract Price	$4,392.91
Value of Work Done in 1941	$4,392.91

F.A.S. 58A(1)

D 4.85 So.Br. Rancocas Creek

County	Burlington
Project	Reconstruction of Bridge D4.85 on Masonville- Lumberton Road
Local Name	D 4.85 So.Br. Rancocas Creek
Federal Aid Project No.	F.A.S. 58A(1)
Type of Structure	Creosoted Timber Structure
Width of Roadway on Bridge	31'-4"
Width of Sidewalk on Bridge	None
Length of Spans	18'-8"
Length of Bridge Deck on ℄ of Roadway	20'-8" ±
Deck Covering	Creosoted Timber
Type of Foundation	Creosoted Timber Piles
Contractor	Hill Construction Co.
Inspector in Charge of Work	P. McCullough
Bonding Company	Glen Fall Indemnity Co.
Official Starting Date	6/6/41
Work Started	9/15/41
Working days specified	100
Date of Completion	11/31/41
Percent of Completion by Dec.31,1941	100
Engineers Estimate of Cost	$9,115.40
Contract Price	$7,388.06
Adjusted Contract Price	$8,276.06
Value of Work Done in 1941	$8,276.06

D4.89 Brook to So.Br. of
Rancocas Creek

F.A.S. 59A(1)

County	Burlington
Project	Lumberton-Vincentown Road
Local Name	D4.89 Brook to So.Br. of Rancocas Creek.
Federal Aid Project No.	F.A.S. 59A(1)
Type of Structure	Multiplate Corrugated Metal Arch on Concrete Abutments.
Width of Roadway on Bridge	40'-0"
Width of Sidewalk on Bridge	2 @ 5'-0" Graded
Width of Roadway Under Bridge	-
Length of Spans	15'-9"
Length of Br. Deck on ℄ of Roadway	20'-0"±
Deck Covering	Earth Fill - Gravel Surface
Type of Foundation	Conc. on Timber Piles
Contractor	Hill Construction Co.
Inspector in Charge of Work	P. McCullough
Bonding Co.	Glen Fall Indemnity Co.
Official Starting Date	6/16/41
Work Started	6/30/41
Working days specified	100
Date of Completion	8/12/41
Percent of Completion by 12/31/41	100
Engineer Estimate of Costs	$7,579.20
Contract Price	$6,569.00
Adjusted Contract Price	$8,609.25
Value of Work Done in 1941	$8,609.25

F 4.4 Rancocas Creek

Federal Proj. F.A.S. 56A(1)

County	Burlington
Project	Reconstruction of Bridge F4.4 on New Lisbon-Fort Dix Road
Local Name	F4.4 Rancocas Creek
Federal Aid Project No.	FAS 56A(1)
Type of Structure	Conc.Abuts.I Beam & R.C. Deck
Width of Roadway on Bridge	36'-0"
Width of Sidewalk on Bridge	2 @ 5.0
Length of Spans	1 @ 45'-0"
Length of Br. Deck on ℄ of Roadway	47.50'±
Deck Covering	Concrete
Type of Foundation	Conc. & Piles
Contractor	Hill Construction Co.
Inspector in Charge of Work	P. McCullough
Bonding Company	Glen Fall Indemnity Co.
Official Starting Date	6/16/41
Work Started	12/29/41
Working days specified	100
Percent of Completion by 12/31/41	3%
Engineers Estimate of Cost	$28,847.18
Contract Price	$24,808.92
Adjusted Contract Price	$24,808.92
Value of Work Done in 1941	$ 744.27
Value of work to be Done in 1942	$24,064.65

DEEP RUN BRIDGE #1030

F.A.S. 50A(1)

County	Salem
Municipality	Alloway, N.J.
Local Name	Deep Run Bridge #1030
Federal Aid Project No.	F.A.S. 50A(1)
Type of Structure	R.C.Aubts, 5 I Beams; 2 Encased I; Reinf.Concrete slab.
Width of Roadway on Bridge	30'-0"
Width of Sidewalk on Bridge	None
Length of Spans	1 @ 25'-0" clear
Length of Br. Deck on ℄ of Roadway	29'-0"
Deck Covering	Gravel fill on R. C. Slab
Type of Foundation	Conc. on Piles
Contractor	Delta Construction Co.
Inspector in Charge of Work	P. McCullough
Bonding Company	Standard Accident Insurance Co.
Official Starting Date	6/16/41
Work Started	6/23/41
Working days specified	100
Date of Completion	10/31/41
Percent of Completion by 12/31/41	100
Engineers Estimate of Cost	$15,266.00
Contract Price	$21,047.60
Adjusted Contract Price	$21,704.00
Value of work Done in 1941	$21,704.00

F.A.S. 51A(1)

Effts Bridge #1097

Salem County

County	Salem
Municipality	Alloway Township
Federal Aid Project No.	F.A.S. 51A(1)
Type of Structure	R.C.Abuts. 5 I's, 2 Encased I's, R.C. Slab.
Width of Roadway on Bridge	30'-0"
Width of Sidewalk on Bridge	None
Length of Spans	1 @ 25' clear.
Length of Br. Deck on ℄ of Roadway	29'-0"
Deck Covering	Gravel on R.C. Slab
Type of Foundation	Concrete on Piles
Contractor	Delta Contracting Co.
Inspector in Charge of Work	P. McCullough
Bonding Company	Standard Accident Insurance Co.
Official Starting Date	6/16/41
Work Started	8/5/41
Working days specified	100
Date of Completion	10/31/41
Percent of Completion by 12/31/41	100
Engineers Estimate of Costs	$15,242.00
Contract Price	$20,939.60
Adjusted Contract Price	$22,342.48
Value of work done in 1941	$22,342.48

DARETOWN MILL POND BRIDGE #1121

Salem County

F.A.S. 52-A(1)

County	Salem
Municipality	Upper Pittsgrove, N.J.
Local Name	Daretown Mill Pond Bridge #1121
Federal Aid Project No.	F.A.S. 52A(1)
Type of Structure	R.C. Box Culvert
Width of Roadway on Bridge	30'-0"
Width of Sidewalk on Bridge	None
Length of Spans	18'-0"; 12'-6" High
Length of Bridge Deck on ℄ of Roadway	21-0
Deck Covering	Gravel Fill on R.C. Slab.
Type of Foundation	Concrete on Piles
Contractor	Delta Contracting Co.
Inspector in Charge of Work	P. McCullough
Bonding Company	Hartford Accident & Indemnity Co.
Official Starting Date	6/16/41
Work Started	5/26/41
Working days specified	100
Date of Completion	9/30/41
Percent of Completion by 12/31/41	100
Engineers Estimate of Costs	$16,030.61
Contract Price	$16,989.66
Adjusted Contract Price	$18,487.82
Value of Work done in 1941	$18,487.82

F.A.S. 41A(1)

Laurel Lake. No.Br. Timber Creek

County	Camden
Municipality	Stratford
Local Name	Laurel Lake - No.Br. Timber Creek
Federal Aid Project No.	F.A.S. 41-A(1)
Type of Structure	Ridgid Frame
Width of Roadway on Bridge	34'-0"
Width of Sidewalk on Bridge	2 @ 8'-0"
Length of Spans	1 @ 30'-0"
Length of Bridge Deck on ℄ of Roadway	35'-0"
Deck Covering	Concrete
Type of Foundation	Conc. on Wood Plank platform on Piles
Contractor	Eisenberg Construction Co.
Inspector in Charge of Work	C. D. Weller
Bonding Company	Maryland Casualty Co.
Official Starting Date	7/15/41
Working days specified	65
Date of Completion	11/19/41
Percent of Completion by 12/31/41	100
Engineers Estimate of Cost	$39,084.68
Contract Price	$31,245.08
Adjusted Contract Price	$30,241.55
Value of Work done in 1941	$30,241.55

R.R. GRADE CROSSING ELIMINATIONS NOT ON STATE HIGHWAYS LET IN 1941.

LOCAL NAME	CONTRACT PRICE	ADJUSTED CONTRACT PRICE	VALUE OF WORK DONE IN 1941	STARTING DATE	DATE OR % COMPLETED.
West Ave., Sewaren, N.J.	$146,815.56	$143,889.94	$143,059.90	4/28/41	99.4%
Danforth Road, Madison, N.J.	47,595.43	46,236.34	46,236.34	5/5/41	12/4/41
Riverview Drive, Totowa, N.J.	127,967.93	125,827.93	34,639.50	8/18/41	28%
	$322,378.92	$ 315,954.21	$223,935.74		

Federal Project FAGS 27A(1)

County	Middlesex
Municipality	Sewaren
Project	Central Railroad Bridge
Local Name	West Ave.Grade Crossing Elimination
Federal Aid Project No.	FAGS 27A(1)
Type of Structure	Girder -& Encased Floor Beams Reinf.Slab.
Width of Roadway on Bridge	42'-0"
Width of Sidewalk " "	2 @ 6'-9-1/2"
Length of Spans	1 @ 72'-0"; 1 @ 64'-1-1/2"; 1 @ 42'-10"
Length of Bridge Deck on ℄ of Roadway	176'-2"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	Hogan-Gaul Construction Co.
Inspector in Charge of Work	A. E. Lee
Bonding Company	Indemnity Insurance Co. of N. Am.
Official Starting Date	4/28/41
Work Started	4/22/41
Working days specified	100
Percent of Completion by 12/31/41	99.4
Contract Price	$146,815.56
Adjusted Contract Price	$143,889.94
Value of Work Done in 1941	$143,059.90
Value of Work to be done in 1942	$ 830.04

REMARKS: Contract Bridge items $143,889.94
Road items 63,165.07

Fed. Project FAGM 30C(1)

County	Morris
Municipality	Madison
Local Name	Danforth Road over D.L. & W. RR
Federal Proj.	FAGM 30C(1)
Type of Structure	Encased I Beam
Width of Roadway on Bridge	1 @ 30'-0"
Width of Sidewalk " "	2 @ 5'.0"
Length of Spans	1@47'-0"; 1 @ 41'-3-1/4"; 1@36'-2-1/2"
Length of Bridge Deck on ℄ of Roadway	138' 6-1/2"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	F. F. Baker
Inspector in Charge of Work	H. R. Gabriel
Bonding Company	Seaboard Surety Co.
Official Starting Date	5/5/41
Work Started	5/1/41
Working days specified	130
Date of Completion	12/4/41
Percent of Completion by 12/31/41	100%
Contract Price	$47,595.43
Adjusted Contract Price	$46,236.34
Value of Work Done in 1941	$46,236.34

REMARKS: Contract bridge items $47595.43 Road Items $22,399.23

FEDERAL PROJECT FAGM 31(1)

Passaic County.

County	Passaic
Municipality	Totowa, N.J.
Project	Riverview Drive over D.L. & W. R.R.
Local Name	Riverview Drive Grade Crossing Elimination.
Federal Aid Project No.	FAGM 31(1)
Type of Structure	1 Girder Span; 6 I-Beam, Conc. Slab
Width of Roadway on Bridge	1 @ 30'
Width of Sidewalk " "	2 @ 5'-0"
Length of Spans	1 @ 98.0'; 4 @ 51.25'; 2@ 29.84'
Length of Bridge Deck on ℄ of Roadway	377.80'
Deck Covering	Concrete
Type of Foundation	Concrete on Piles
Contractor	Franklin Contracting Co.
Inspector in Charge of Work	H. R. Gabriel
Bonding Company	Maryland Casualty Co.
Official Starting Date	August 18, 1941
Work Started	September 22, 1941
Working days specified or	150
Percent of Completion by 12/31/41	28
Contract Price	$127,967.93
Adjusted Contract Price	$125,827.93
Value of Work Done in 1941	$ 34,639.50
Value of Work Done in 1942	$ 91,188.43

Motor Vehicle Aid Bridges Let By the State in 1941

County		Contract Price	Adj. Contract Price	Value of Wk Done in 1941	Starting Date	Date or% Completed
Burlington	Bridge B 4.70	$24,650.10	$24,650.10		12/7/41	None
Cumberland	Cake Road Bridge over Harrow Run	2,949.92	3,104.42	$3,104.42	3/15/41	6/12/41
"	Center District Road over Harrow Run	3,817.40	3,753.90	3,753.90	4/7/41	7/10/41
"	Hoffman's Mill -West Creek Culverts	7,217.84	7,396.15	7,396.15	7/21/41	11/11/41
"	Little Robin Branch	10,258.10	12,027.00	3,006.75	12/6/41	25%
"	Walters Road Bridge over Cohansey Stream	14,671.10	14,671.10	14,671.10	6/7/41	11/13/41
"	Washington Street Bridge over Cohansey Stream.	54,499.30	56,276.30	55,713.54	7/7/41	99%
Essex	New Dutch Lane over Deepavaal Brook	27,392.00	27,392.00	27,392.00	2/11/41	7/18/41
Gloucester-Salem.	DuBois Bridge #493 over Oldmans Creek	22,823.11	24,179.36	24,179.36	5/31/41	12/10/41
Morris	Reconstruction of Bridge at McEwans	18,955.36	19,243.15	19,243.15	3/18/41	6/3/41
Passaic	Reconstruction of LaRue Bridge over Clinton Brook.	10,444.92	10,445.38	10,445.38	7/12/41	10/9/41
Salem	So. Main St. Bridge over Salem Creek & Approaches.	42,802.29	40,170.99	40,170.99	7/7/41	12/12/41
Somerset	Dead River Bridge	17,689.82	17,689.82	12,382.88	7/7/41	70%
		$258,171.26	260,999.67	$221,459.62		

Cake Road bridge over
Harrow Run

County	Cumberland
Municipality	Upper Deerfield Township
Type of Structure	Culvert on Piles
Width of Roadway on Bridge	31-0' Face to Face of Guard Rail.
Width of Sidewalk " "	None
Length of Spans	1 @ 10' 6' High
Length of Bridge Deck on ℄ of Roadway	12'-0"
Deck Covering	Gravel Fill on Conc. Slab
Type of Foundation	Concrete on Timber Piles
Contractor	Hill & Fox
Inspector in Charge of Work	P. McCullough
Bonding Company	Glen Fall Indemnity Co.
Official Starting Date	3/15/41
Work Started	3/31/41
Working days specified	65
Date of Completion	6/12/41
Engineer's Estimate of Cost	$3,435.30
Contract Price	$2,949.92
Adjusted Contract Price	$3,104.42
Value of Work Done in 1941	$3,104.42

Bridge B 4.70
Burlington County

County	Burlington
Municipality	Chester Township
Project	Moorestown-Haddonfield Road
Local Name	Bridge B 4.70
Type of Structure	2 Span multiplate Arch.
Width of Roadway on Bridge	30'
Length of Spans	2 @ 21'-0"
Length of Bridge Deck on ℄ of Roadway	50'-0"
Deck Covering	Fill and Bit.Surface treated Gravel.
Type of Foundation	Conc. on Piles
Contractor	Frank J. Hill Jr.
Inspector in Charge of Work	P. McCullough
Bonding Company	Glen Fall Indemnity Co.
Official Starting Date	Dec. 7, 1941
Work Started	Not
Working days specified	70
Engineer's Estimate of Cost	$27,860.15
Contract Price	$24,650.10
Adjusted Contract Price	$24,650.10
Value of Work Done in 1941	0
Value of work to be done in 1942	$24,650.10

Leesburg-Belle Plain Road
Cumberland County

Project	Leesburg-Belle Plain Road
County	Cumberland
Local Name	Hoffmans Mill, West Creek
Type of Structure	Culvert
Width of Roadway on Bridge	Twin culvert
Width of Sidewalk " "	30'
Length of Spans	None
Length of Bridge Deck on ℄ of Roadway	2 - 10' each
Deck Covering	23'-0"
Type of Foundation	Gravel on Conc. Slab
Contractor	Concrete on Piles
Inspector in Charge of Work	Hill & Fox
Bonding Company	P. McCullough
Official Starting Date	Glen Falls Indemnity Company
Work Started	7/21/41
Working days specified	9/15/41
Date of Completion	65
	11/11/41
Engineer's Estimate of Cost	$6,259.50
Contract Price	$7,217.84
Adjusted Contract Price	$7,396.15
Value of Work Done in 1941	$7,396.15

Upper Deerfield Township
Center District Rd. over Harror Run

County	Cumberland
Municipality	Upper Deerfield Township
Local Name	Center District Rd. over Harror Run.
Type of Structure	Culvert
Width of Roadway on Bridge	30' - 34' overall
Length of Spans	10' - Heighth 6'
Length of Bridge Deck on ℄ of Roadway	12'-0"
Deck Covering	Gravel Surface & Fill on Conc. Slab.
Type of Foundation	Concrete on Timber Piles
Contractor	Hill & Fox
Inspector in Charge of Work	P. McCullough
Bonding Company	Glen Falls Indemnity Co.
Official Starting Date	4/7/41
Work Started	5/19/41
Working days specified	65
Date of Completion	7/10/41
Engineer's Estimate of Cost	$3,993.80
Contract Price	$3,817.40
Adjusted Contract Price	$3,753.90
Value of Work Done in 1941	$3,753.90

Little Robin Branch
Cumberland County

County	Cumberland
Municipality	Landis Township
Project	Mill Road
Local Name	Little Robin Branch
Type of Structure	Concrete slab
Width of Roadway on Bridge	30'
Width of Sidewalk " "	2 @ 5'-0" Graded Gravel
Length of Spans	1 @ 20'
Length of Bridge Deck on ℄ of Roadway	24
Deck Covering	Gravel Surface & Fill on Concrete slab
Type of Foundation	Concrete
Contractor	Hill & Fox
Inspector in Charge of Work	C. D. Weller
Bonding Company	Glen Falls Indemnity Company
Official Starting Date	12/6/41
Work Started	11/24/41
Working days specified	65
Percent of Completion by 12/31/41	25
Engineer's Estimate of Cost	$12,027.00
Contract Price	$10,258.10
Adjusted Contract Price	$12,027.00
Value of Work Done in 1941	$ 3,006.75
Value of Work to be done in 1942	$ 9,020.25

Walters Road Bridge
over Cohansey Stream

County	Cumberland
Municipality	Bridgeton
Local Name	Walters Road Bridge over Cohansey Stream.
Type of Structure	Conc. slab on concrete piles
Width of Roadway on Bridge	30'
Width of Sidewalk on Bridge	None
Length of Spans	3 @ 25'
Length of Bridge Deck on ℄ of Roadway	78'
Deck Covering	Concrete
Type of Foundation	Concrete Piles
Contractor	Joseph W. Rogers
Inspector in Charge of Work	P. McCullough
Bonding Company	Standard Accident Insur.Co.
Official Starting Date	6/7/41
Work Started	5/26/41
Working days specified	90
Date of Completion	11/13/41
Percent of Completion by 12/31/41	100
Engineer's Estimate of Cost	$14,767.60
Contract Price	$14,671.10
Adjusted Contract Price	$14,671.10
Value of Work Done in 1941	$14,671.10

REMARKS: Final quantities not submitted to date from County Engineer.

Washington Street Bridge
over Cohansey Stream

County	Cumberland
Municipality	Bridgeton
Local Name	Washington Street Bridge over Cohansey Stream
Type of Structure	Rigid Frame
Width of Roadway on Bridge	30'
Width of Sidewalk " "	2 @ 5.0'
Length of Spans	3 spans, 1@ 70' and 2 spans each 25'-0"
Length of Bridge Deck on ℄ of Roadway	128'-0"
Deck Covering	Concrete
Type of Foundation	Concrete on wood piles
Contractor	C. Fiske Campbell
Inspector in Charge of Work	C. D. Weller
Bonding Company	U. S. Casualty Company
Official Starting Date	7/7/41
Work Started	7/8/41
Working days specified	90
Percent of Completion by 12/31/41	99
Engineer's Estimate of Cost	$56,280.35
Contract Price	$54,499.30
Adjusted Contract Price	$56,276.30
Value of Work Done in 1941	$55,713.54
Value of Work to be done in 1942	$ 562.76

DuBois Bridge #493

County	Salem & Gloucester
Municipality	Pilesgrove
Project	Woodstown-Harrisonville Road
Local Name	DuBois Bridge #493 over Oldmans Creek
Type of Structure	Conc.Slab on 5 I Beams; 2 Encased I Beams
Width of Roadway on Bridge	30' over-all 36'
Width of Sidewalk " "	None
Length of Spans	30'
Length of Bridge Deck on ℄ of Roadway	34'
Deck Covering	Gravel over Reinf.Conc. Slab
Type of Foundation	Conc. on Piles
Contractpr	C. Fiske Campbell
Inspector in Charge of Work	P. McCullough
Bonding Company	United States Casualty Co.
Official Starting Date	5/31/41
Work Started	6/6/41
Working days specified	90
Date of Completion	12/10/41
Engineer's Estimate of Cost	$25,744.41
Contract Price	$22,823.11
Adjusted Contract Price	$24,179.36
Value of Work Done in 1941	$24,179.36

New Dutch Lane over Deepavaal Brook

County	Essex
Municipality	Caldwell Township
Local Name	New Dutch Lane over Deepavaal Brook.
Type of Structure	Conc.slab on wood pile bent and Wood Pile bulkhead
Width of Roadway on Bridge	40'-0" 43'-6" overall
Length of Spans	2 @ 19'-3"
Length of Bridge Deck on ℄ of Roadway	39'-6"
Deck Covering	Concrete
Type of Foundation	Pile Bents
Contractor	Gray Construction Co.
Inspector in Charge of Work	A. E. Lee
Bonding Company	Seaboard Surety Co.
Official Starting Date	2/11/41
Work Started	4/17/41
Working days specified	75
Date of Completion	7/18/41
Engineer's Estimate of Cost	$32,692.00
Contract Price	$27,392.00
Adjusted Contract Price	$27,392.00
Value of Work Done in 1941	$27,392.00

REMARKS: Final calculation not received from County Engineer.

LARUE BRIDGE
PASSAIC COUNTY

Municipality	West Milford
County	Passaic
Local Name	Reconstruction of LaRue Bridge over Clinton Brook
Type of Structure	Encased I Beam
Width of Roadway on Bridge	30'
Width of Sidewalk " "	None
Length of Spans	1 @ 35'
Length of Bridge Deck on ℄ of Roadway	38'-7"
Deck Covering	Concrete
Type of Foundation	Concrete
Contractor	F. J. Wright
Inspector in Charge of Work	H.R.Gabriel
Bonding Company	National Surety Co.
Official Starting Date	7/12/41
Work Started	6/24/41
Working days specified	80
Date of Completion	10/9/41
Engineer's Estimate of Cost	$8,290.53
Contract Price	$10,444.92
Adjusted Contract Price	$10,445.38
Value of Work Done in 1941	$10,445.38

Reconstruction -bridge at McEwans.

County	Morris
Municipality	Whippany
Project	Reconstruction of bridge at McEwans.
Type of Structure	Encased I Beam, Conc. Slab
Width of Roadway on Bridge	40' -Overall 50'
Width of Sidewalk " "	2 @ 4'-3"
Length of Spans	64'-0"
Length of Bridge Deck on ℄ of Roadway	69'-0"
Deck Covering	Concrete with 1" wearing surface.
Type of Foundation	Concrete
Contractor	F. F. Baker
Inspector in Charge of Work	H. R. Gabriel
Bonding Company	Seaboard Surety Co.
Official Starting Date	3/18/41
Work Started	3/3/41
Working days specified	100
Date of Completion	6/3/41
Engineer's Estimate of Cost	$18,791.14
Contract Price	$18,955.36
Adjusted Contract Price	$19,243.15
Value of Work Done in 1941	$19,243.15

Salem County.

County	Salem
Municipality	Woodstown
Project	South Main St. bridge over Salem Creek and Approaches.
Type of Structure	Conc.Slab on 13 I Beams and 2 Encased I Beams.
Width of Roadway on Bridge	40' Over-all 58'
Width of Sidewalk " "	2 @ 8'
Length of Spans	2 @ 22'
Length of Bridge Deck on ℄ of Roadway	52'-0"
Deck Covering	Concrete
Type of Foundation	Reinforced Concrete on Piles
Contractor	Joseph W. Rogers
Inspector in Charge of Work	Patrick McCullough
Bonding Company	Standard Accident Insurance Co.
Official Starting Date	7/7/41
Work Started	6/30/41
Working Days Specified	110
Date of Completion	12/12/41
Engineer's Estimate of Cost	$45,149.09
Contract Price	$42,802.29
Adjusted Contract Price	$40,170.99
Value of Work Done in 1941	$40,170.99

DEAD RIVER BRIDGE
SALEM COUNTY.

County	Sommerset
Municipality	Bernards and Warren
Local Name	Dead River Bridge
Type of Structure	Encased I Beam
Width of Roadway on Bridge	30'-0"
Width of Sidewalk " "	None
Length of Spans	1 @ 47' 3-1/2
Length of Bridge Deck on ℄ of Roadway	54'
Deck Covering	Concrete
Type of Foundation	Concrete on Piles
Contractor	The Hoffman Constr. Co.
Inspector in Charge of Work	A. E. Lee
Bonding Company	Great American Indemnity Co.
Official Starting Date	7/7/41
Work Started	8/4/41
Working days specifidd	50
Percent of Completion by 12/31/41	70
Engineer's Estimate of Cost	$17,091.44
Contract Price	$17,689.82
Adjusted Contract Price	$17,689.82
Value of Work Done in 1941	$12,382.88
Value of work to be done in 1942	$ 5,306.94

GRADE CROSSING PROTECTION PROJECTS.

Paid for with Federal Funds.

COMPLETED IN 1937

Federal Aid Project WPGM 71-E Flash Light Signals, Flemington Branch Central Railroad of N.J. on Rt. #31 at Somerville, Somerset County.

Cost of Project..... $1,985.70
Date of Completion..... 6/19/37

COMPLETED IN 1939

Federal Aid Project FAGM-1 Flash Light Signals and Crossing Gates West Shore Railroad (N,Y.C. R.R.Lessee) at Old Hook Road. Closter Boro, Bergen County.

Cost of Project..... $7,845.00
Date of Completion..... 1/12/39

Federal Aid Project FAGM-2 Flash Light Signals, West Shore Railroad (N.Y.C.R.R.Lessee) at Durie Ave., Closter and Haworth Boros, Bergen County.

Cost of Project..... $8,082.00
Date of Completion..... 9/26/39

COMPLETED IN 1940

Federal Aid Project FAGS 35(1) Flash Light Signals, Lehigh and Hudson River Ry. at Prices Grade Crossing, Vernon Twp. Sussex County.

Cost of Project..... $1,792.62
Completed..... 12/24/40

Federal Aid Project FAGS 36(1) Flash Light Signals, Lehigh and Hudson River Ry. at Mulford Grade Crossing, Andover Twp. Sussex County.

Cost of Project..... $2,373.85
Date of Completion..... 12/24/40

COMPLETED IN 1940

Federal Aid Project FAGS 37(1) Flash Light Signals, Lehigh and Hudson River Railway at Tranquility Grade Crossing, Green Twp., Sussex County.

Cost of Project..... $1,541.31
Date of Completion..... 12/24/40

Federal Aid Project FAGM 26A(1). Flash Light Signals, Pennsylvania Reading Seashore Lines at Harkers Lane, Boro of Berlin, Camden County.

Cost of Project..... $3,981.48
Date of Completion..... 11/18/40

COMPLETED IN 1941

Federal Aid Project FAGM 25A(1) OFF Flash Light Signals, Pennsylvania Reading Seashore Lines at Heights Ave., West Berlin, Boro of Berlin, Camden County.

Cost of Project..... $2,131.96
Date of Completion..... 7/12/41

TO BE COMPLETED IN 1942

Federal Aid Project FAGS 34(1) Flash Light Signals and Crossing Gates, Pennsylvania Railroad at Park Ave., Pensauken Twp., Camden County.

Cost of Project (Estimated)..... $6,974.66
Date of Completion..... 2/26/42

ANNUAL REPORT

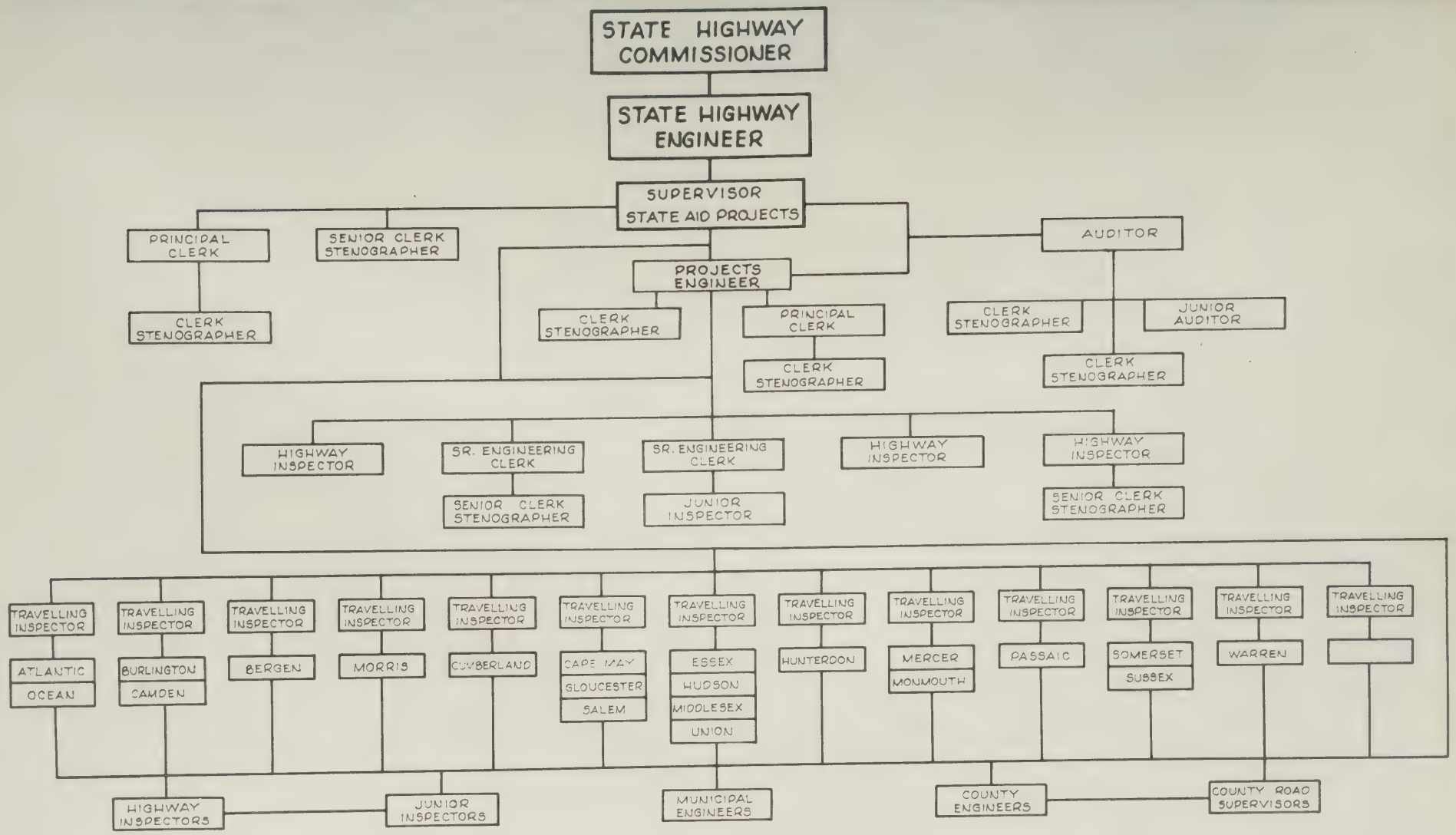
OF THE

PROJECTS DIVISION

NEW JERSEY STATE HIGHWAY DEPARTMENT

FOR THE YEAR

1941



NEW JERSEY STATE HIGHWAY DEPT.

PROJECTS DIVISION ORGANIZATION

1941

NEW JERSEY STATE HIGHWAY DEPARTMENT
PROJECTS DIVISION
ANNUAL REPORT
1 9 4 1

STATE OF NEW JERSEY
STATE HIGHWAY DEPARTMENT
TRENTON

Projects Division
Annual Report - 1941

F.E.Harris/GC

MEMORANDUM TO MR. REED:

March 17, 1942

Herewith is presented yearly report showing the status of Motor Vehicle Aid and Township & Borough Aid for the year ending December 31st, 1941.

MOTOR VEHICLE AID

For the year 1941 the State Highway Commissioner approved awards of contract and force account work for the construction of 5.48 miles of surface pavement, a total amount of $116,932.18; for construction of bridges, a total amount of $155,707.29; for construction of gravel surface, a total amount of $18,366.79 and for drainage and repairs to county roads, a total amount of $32,745.36, making a grand total for work not involving W.P.A. funds of $323,751.62. Of this amount $40,482.07 represents work done by force account on three (3) projects.

In addition to the above, other contracts and force account work in conjunction with the W.P.A. were approved for an amount of $329,897.87.

For the year there was a total of twenty-three (23) projects approved, two (2) of which W.P.A. funds were allotted on.

TOWNSHIP & BOROUGH AID (Construction Fund)

During 1941 work was completed on 269.97 miles of municipal roads at a final construction cost of $2,411,986.40, the State's share of which was $2,065,501.96 or approximately 81%.

Of the above figures a certain amount of construction funds has been applied to surface treatment work on municipal roads previously constructed with Township & Borough Aid funds or straight municipal W.P.A. work. The mileage of surface treatment work only is about one half of that in 1940 due to the increase in the Township & Borough Aid Maintenance funds which was applicable for the year 1941; the mileage for 1940 being 53.1 and for 1941 it was 29.6, which is included in the completed mileage given above. The total cost of the surface treatment work was $38,826.19, of which the State's share was $32,719.68. Also included in the completed mileage given was 5.59 miles of grading and drainage work at a total cost of $64,547.05, of which the State's share was $57,605.92. The apparent high cost per mile for this grading and drainage work is due to two exceptional projects, one of .73 mile costing $24,575.25 in Essex County for the construction of an outlet road to a Defense Plant and a difficult one in Somerset County where there was a great quantity of rock excavation being of such a nature when excavated and broken up that no foundation was used in the construction of the surface under a later contract. In addition to these $6,221.27 was used in repairing drainage damage caused by storm of September 1940; no mileage is quoted for this repair work. Out of the 269.97 miles shown as completed, 234.72 miles was actual surface construction.

The total amount of Township & Borough Aid funds paid by the State during the year 1941 was $2,146,937.42. Of this amount $70,056.95 or approximately 3.2% was paid as the State's share of engineering and $11,378.51 was paid for the acquiring of rights of way.

Of the total of 402 projects involved for 1941, 42 were in conjunction with the W.P.A., 37 of these 42 being completed and five (5) uncompleted as of Dec.31,1941.

During 1941 there was completed about 86% of the projects on which work was started.

During the year there was completed 347 Twp.& Boro Aid projects; 55 uncompleted and 127 projects on which funds have been allotted for their construction at a total cost estimated at $803,485.98, the State's share of which is estimated at $723,137.73.

The following tabulation shows a comparison by types of mileages completed in 1941 and 1940:

Type	1941 Mileage Twps.	Boros	Towns	Vils.	Cities	1940 Mileage Twps.	Boros	Towns	Vils.	Cities
Gravel	98.18	9.39	-	-	2.93	77.21	13.32	-	-	-
Gravel,Bit.Sur.Tr.	25.14	14.44	-	-	.62	27.99	9.28	-	-	.15
Bit.Surf.Treat.	16.07	11.94	-	-	1.65	25.38	19.78	6.03	-	1.91
Gravel,Cal.Chloride	13.64	.98	-	-	-	10.41	-	-	-	-
Bit.Penet.Macadam	13.36	8.69	.59	.23	-	9.92	6.91	1.23	-	-
Bituminous Concrete	1.51	4.17	1.58	-	12.37	1.19	5.11	.47	-	8.64
Type A or T	10.81	8.35	1.38	-	-	6.45	5.28	1.27	-	-
Reinforced Concrete	1.65	1.44	.92	-	-	1.12	1.62	1.11	-	-
Tar Soil Stab.	1.04	-	-	-	-	1.12	-	-	-	-
Macadam Foundation	.42	-	-	-	-	-	-	-	-	-
Sheet Asphalt	-	-	1.31	-	-	-	-	-	-	-
Storm Drain	-	.80	.95	-	-	.42	.39	-	-	.36
Grading & Drainage	2.52	.90	-	-	-	-	.41	-	-	-
Gravel,Lig.Binder	-	-	-	-	-	5.52	-	-	-	-
Totals ..	184.34	61.10	6.73	.23	17.57	166.73	62.10	10.11	-	11.06

TOWNSHIP & BOROUGH AID (DIRT ROAD FUND)

Title 27 Chapter 15 of the Revised Statutes provides that $50,000 of the $125,000 of Township & Borough Aid funds available in each county may be used by the Boards of Freeholders for the maintenance and repair of unimproved municipal roads. All of the counties except two have requested these funds for 1942. As a part of this report there is a sheet entitled "Township & Borough Aid Applications Submitted for 1942 Funds", which sheet contains a column showing the requests for 1942 Dirt Road Funds. The total amount requested is $950,000, an increase of $25,000 over the amount requested and paid to the counties from the 1941 funds.

TOWNSHIP & BOROUGH AID MAINTENANCE

Under the Township & Borough Aid Maintenance Act there was submitted to the State Highway Commissioner for 1941 funds, schedules totalling an estimated cost of $523,655.28, of which the State's share was $470,872.30. There was available under this Act, starting with the 1941 funds, $525,000. The amount obligated of the 1941 funds was $448,355.70; the balance or $22,516.60 was from unused funds of previous years. As a part of this report there is a sheet showing the break-down of these figures by counties.

The total amount of schedules ($523,655.28) was for maintenance of an estimated 681 miles of roads previously built with Twp.& Boro Aid Construction funds and represents an average cost of approximately $769. per mile.

The following tabulation shows the mileage of municipal roads that has been completed with Twp.& Boro Aid funds since the year 1921, no mileage figures being available for the years prior to 1921.

Year	Mileage	Year	Mileage	Year	Mileage	Year	Mileage	Year	Mileage
1921 -	149.702	1925 -	167.687	1929-	190.840	1933 -	192.490	1937 -	252.850
1922 -	197.000	1926 -	170.000	1930-	251.830	1934 -	216.770	1938 -	246.100
1923 -	85.380	1927 -	114.480	1931-	269.900	1935 -	172.110	1939 -	240.930
1924 -	99.220	1928 -	133.100	1932-	167.860	1936 -	188.250	1940 -	195.320
								1941 -	234.720

Grand Total -3,936.539

During the past few years there has been several occasions where it was questionable as to the use of these Twp. & Boro Aid Construction funds on projects and action had to be taken in accordance with Chapter 362 P.L.1938 wherein these funds could be used in accordance with the Statute.

The Township & Borough Aid Act provides for the "construction, grading and drainage of unimproved Township, Borough, Town, Village or City roads as provided in said Act". At the time the original act was passed in 1916, the word unimproved was certainly appropriate but since that time there has been several hundred miles

of roads constructed which are today becoming unsuitable for present-day traffic and have passed the stage where it would be economical to apply Township & Borough Aid Maintenance Funds.

I believe that a great number of questions would be clarified in the future if the Township & Borough Aid Act was amended to read "construction, reconstruction, grading and drainage of Township, Borough, Town, Village or City roads".

Respectfully submitted,

Projects Engineer

NEW JERSEY STATE HIGHWAY DEPARTMENT
Projects Division

1941 Apportionment

December 5, 1940

1941

APPORTIONMENT OF MOTOR VEHICLE AID FUND TO COUNTIES

New Jersey Population by Counties-1940 Census

County Areas - - - 1930 Revision

County	1941 County Road Mileage	% of Total Mileage	Population 1940	% of Total Population	County Area in Square Miles	% of Total Area	Average % of County Road Mileage, Area, & Population	Apportionment of $6,000,000.00	Apportionment of $ 735,000.00	TOTAL $6,000,000.00 735,000.00 6,735,000.00
Atlantic	332.680	5.443	124,066	2.982	610.310	7.421	5.282	316,920.00	35,000.00	351,920.00
Bergen	472.561	7.732	409,646	9.847	246.170	2.993	6.857	411,420.00	35,000.00	446,420.00
Burlington	463.540	7.584	97,013	2.332	827.120	10.057	6.658	399,480.00	35,000.00	434,480.00
Camden	274.250	4.487	255,727	6.147	226.325	2.752	4.462	267,720.00	35,000.00	302,720.00
Cape May	171.240	2.802	28,919	0.695	450.910	5.483	2.994	179,640.00	35,000.00	214,640.00
Cumberland	542.900	8.899	73,184	1.759	674.330	8.199	6.286	377,160.00	35,000.00	412,160.00
Essex	176.430	2.887	837,340	20.128	129.720	1.577	8.197	491,820.00	35,000.00	526,820.00
Gloucester	380.120	6.219	72,219	1.736	340.625	4.142	4.032	241,920.00	35,000.00	276,920.00
Hudson	59.142	0.968	652,040	15.674	60.480	0.735	5.792	347,520.00	35,000.00	382,520.00
Hunterdon	193.020	3.158	36,766	0.884	439.120	5.339	3.127	187,620.00	35,000.00	222,620.00
Mercer	171.132	2.800	197.318	4.743	227.900	2.771	3.438	206,280.00	35,000.00	241,280.00
Middlesex	299.222	4.895	217,077	5.218	324.440	3.945	4.686	281,160.00	35,000.00	316,160.00
Monmouth	332.250	5.436	161,238	3.876	534.040	6.493	5.268	316,080.00	35,000.00	351,080.00
Morris	266,630	4.362	125,732	3.022	480.190	5.839	4.408	264,480.00	35,000.00	299,480.00
Ocean	516,680	8.453	37,706	0.906	754.810	9.178	6.179	370,740.00	35,000.00	405,740.00
Passaic	231.110	3.781	309,353	7.436	198.650	2.415	4.544	272,640.00	35,00.00	307,640.00
Salem	338.591	5.540	42,274	1.016	389.370	4.734	3.763	225,780.00	35,000.00	260,780.00
Somerset	202.190	3.308	74,390	1.788	305.020	3.709	2.935	176,100.00	35,000.00	211,100.00
Sussex	291.850	4.776	29,632	0.712	535.310	6.509	3.999	239,940.00	35,000.00	274,940.00
Union	143.985	2.356	328,344	7.893	104.940	1.276	3.842	230,520.00	35,000.00	265,520.00
Warren	251.460	4.114	50,181	1.206	364,650	4.433	3.251	195,060.00	35,000.00	230,060.00
TOTALS	6111.983	100.000	4,160,165	100.000	8,224.440	100.000	100.000	6,000,000.00	735,000.00	6,735,000.00

NEW JERSEY STATE HIGHWAY DEPARTMENT
Projects Division

1942 Apportionment

October 3, 1941

1942

APPORTIONMENT OF MOTOR VEHICLE AID FUND TO COUNTIES

New Jersey Population by Counties-1940 Census

County Areas - - - 1930 Revision

County	1942 County Road Mileage	% of Total Mileage	Population 1940	% of Total Population	County Area in Square Miles	% of Total Area	Average % of County Road Mileage, Area, & Population	Apportionment of $6,000,000.00	Apportionment of $ 735,000.00	TOTAL $6,000,000.00 735,000.00 6,735,000.00
Atlantic	332.970	5.380	124,066	2.982	610.310	7.421	5.261	315,660.00	35,000.00	350,660.00
Bergen	470.770	7.606	409,646	9.847	246.170	2.993	6.815	408,900.00	35,000.00	443,900.00
Burlington	463.540	7.489	97,013	2.332	827.120	10.057	6.626	397,560.00	35,000.00	432,560.00
Camden	283.130	4.574	255,727	6.147	226.335	2.752	4.491	269,460.00	35,000.00	304,460.00
Cape May	171.780	2.775	28,919	0.695	450.910	5.483	2.984	179,040.00	35,000.00	214,040.00
Cumberland	552.320	8.923	73,184	1.759	674.330	8.199	6.294	377,640.00	35,000.00	412,640.00
Essex	176.180	2.846	837,340	20.128	129.720	1.577	8.184	491,040.00	35,000.00	526,040.00
Gloucester	381.230	6.159	72,219	1.736	340.625	4.142	4.012	240,720.00	35,000.00	275,720.00
Hudson	96.394	1.557	652,040	15.674	60.480	0.735	5.989	359,340.00	35,000.00	394,340.00
Hunterdon	195.420	3.157	36,766	0.884	439.120	5.339	3.127	187,620.00	35,000.00	222,620.00
Mercer	168.059	2.715	197,318	4.743	227.900	2.771	3.410	204,600.00	35,000.00	239,600.00
Middlesex	298.322	4.820	217,077	5.218	324.440	3.945	4.661	279,660.00	35,000.00	314,660.00
Monmouth	335.120	5.414	161,238	3.876	534.040	6.493	5.261	315,660.00	35,000.00	350,660.00
Morris	271.010	4.379	125,732	3.022	480.190	5.839	4.413	264,780.00	35,000.00	299,780.00
Ocean	529.320	8.552	37,706	0.906	754.810	9.178	6.212	372,720.00	35,000.00	407,720.00
Passaic	231.110	3.734	309,353	7.436	198.650	2.415	4.528	271,680.00	35,000.00	306,680.00
Salem	342.316	5.531	42,274	1.016	389.370	4.734	3.760	225,600.00	35,000.00	260,600.00
Somerset	203.060	3.281	74,390	1.788	305.020	3.709	2.926	175,560.00	35,000.00	210,560.00
Sussex	292.100	4.719	29,632	0.712	535.310	6.509	3.980	238,800.00	35,000.00	273,800.00
Union	143.985	2.326	328,344	7.893	104.940	1.276	3.832	229,920.00	35,000.00	264,920.00
Warren	251.460	4.063	50,181	1.206	364,650	4.433	3.234	194,040.00	35,000.00	229,040.00
TOTALS	6,189.596	100.000	4,160,165	100.000	8,224.440	100.000	100.000	$6,000,000.00	$735,000.00	$6,735,000.00

NEW JERSEY

COUNTY APPROPRIATIONS - 1941

FOR ROADS AND BRIDGES AND BONDS AND INTEREST FOR SAME

(NOT INCLUDING STATE FUNDS)

(PER QUESTIONNAIRE)

COUNTY	MAINTENANCE & REPAIRS Roads	MAINTENANCE & REPAIRS Bridges	CONSTRUCTION OR RECONSTRUCTION Roads	CONSTRUCTION OR RECONSTRUCTION Bridges	W.P.A. Roads	W.P.A. Bridges	BONDS & INTEREST Roads	BONDS & INTEREST Bridges	TOTAL (not incl. Bonds & Interest)	TOTAL
ATLANTIC	-0-	-0-	-0-	-0-	3,981.38	2,462.43	90,015.50	102,374.50	6,443.81	198,833.81
BERGEN	286,996.99	77,285.93	110,050.00	102,450.00	(A) -0-	(A) -0-	(B) 486,609.00	-0-	576,782.92	1,063,391.92
BURLINGTON	-0-	-0-	106,131.63	255,896.70	-0-	-0-	-0-	-0-	362,028.33	362,028.33
CAMDEN	83,391.51	15,000.00	98,013.67	56,231.34	(A) -0-	(A) -0-	834.47	-0-	252,636.52	253,470.99
CAPE MAY	23,363.49	13,304.20	115,412.01	32,914.20	8,365.20	-0-	170,900.00	41,600.00	193,359.10	405,859.10
CUMBERLAND	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
ESSEX	181,764.89	15,193.24	228,375.22	26,005.74	10,636.06	-0-	(B) 364,139.53	-0-	461,975.15	826,114.68
GLOUCESTER	16,227.07	11,710.05	-0-	19,998.43	572.93	2,810.66	8,478.75	-0-	51,319.14	59,797.89
HUDSON	1,302,266.12	84,975.54	-0-	-0-	-0-	-0-	(B) 500,643.43	-0-	1,387,241.66	1,387,885.09
HUNTERDON	-0-	-0-	1,827.05	-0-	(C)6,950.45	-0-	(D) 33,139.51	-0-	8,777.50	41,917.01
MERCER	-0-	39,000.00	92,344.46	65,847.84	3,640.69	13,839.36	438,935.18	188,400.08	214,672.35	842,007.61
MIDDLESEX	58,884.65	32,000.00	55,000.00	22,000.00	20,000.00	-0-	(B) 296,402.51	-0-	187,884.65	484,287.16
MONMOUTH	148,943.00	111,800.00	125,000.00	142,000.00	13,867.10	-0-	340,533.75	90,088.75	541,510.10	972,132.60
MORRIS	130,244.60	12,000.00	-0-	-0-	-0-	-0-	(B) 125,723.70	-0-	142,244.60	267,968.30
OCEAN	48,413.74	17,657.65	72,793.92	13,421.45	-0-	-0-	841.39	-0-	152,286.76	153,128.15
PASSAIC	100,000.00	54,141.00	-0-	-0-	-0-	-0-	(B) 553,756.00	-0-	154,141.00	707,897.00
SALEM	-0-	-0-	15,652.98	98,508.79	-0-	-0-	-0-	-0-	114,161.77	114,161.77
SOMERSET	30,000.00	30,000.00	-0-	-0-	-0-	-0-	(B) 80,000.00	-0-	60,000.00	140,000.00
SUSSEX	(E) 28,322.84	-0-	(F) 7,147.87	-0-	-0-	-0-	(B) 11,690.24	-0-	35,470.71	47,160.95
UNION	101,743.01	6,535.04	-0-	26,625.00	-0-	-0-	521,812.31	-0-	134,903.05	656,715.36
WARREN	4,705.04	-0-	-0-	-0-	7,000.00	-0-	-0-	-0-	11,705.04	11,705.04
TOTALS	2,545,166.95	520,602.65	1,027,748.81	861,899.49	75,013.81	19,112.45	4,024,455.27	422,463.33	5,049,544.16	9,496,462.76

(A) - WPA work included in Maintenance and Construction Accounts. Per letter from Mr. Thier dated 1/16/42.
(B) - Bridge Bonds combined with Road Bonds.
(C) - Includes Road Equipment.
(D) - Includes Highway Lighting.
(E) - Road & Bridge Maintenance lumped.
(F) - Maintenance & Construction lumped.

Projects Division
Feb. 17, 1942

NEW JERSEY

COUNTY APPROPRIATIONS - 1940
FOR ROADS AND BRIDGES AND BONDS AND INTEREST FOR SAME
(NOT INCLUDING STATE FUNDS)
(PER QUESTIONNAIRE)

COUNTY	MAINTENANCE & REPAIRS Roads	MAINTENANCE & REPAIRS Bridges	CONSTRUCTION OR RECONSTRUCTION Roads	CONSTRUCTION OR RECONSTRUCTION Bridges	W.P.A. Roads	W.P.A. Bridges	BONDS & INTEREST Roads	BONDS & INTEREST Bridges	TOTAL (not incl. Bonds & Interest)	TOTAL
ATLANTIC	-0-	-0-	-0-	-0-	25,000.00	-0-	120,057.50	87,605.00	25,000.00	232,662.50
BERGEN	266,200.00	69,160.00	80,586.45	138,663.55	(A)	(A)	B-532,640.00	(B)	554,610.00	1,087,250.00
BURLINGTON	45,000.00	25,000.00	37,000.00	-0-	-0-	11,803.73	-0-	-0-	118,803.73	118,803.73
CAMDEN	62,275.96	17,076.27	-0-	-0-	25,148.12	12,325.88	47,743.52	-0-	116,826.23	164,569.75
CAPE MAY	2,071.88	24,320.33	124,235.46	-0-	-0-	-0-	B-146,895.00	(B)	150,627.67	297,522.67
CUMBERLAND	39,391.79	-0-	-0-	-0-	-0-	-0-	-0-	-0-	39,391.79	39,391.79
ESSEX	114,116.52	54,371.63	171,394.26	62,955.84	-0-	-0-	413,638.08	65,370.89	402,838.25	881,847.22
GLOUCESTER	12,872.55	6,864.12	-0-	7,073.04	-0-	-0-	10,646.25	-0-	26,809.71	37,455.96
HUDSON	1,210,953.18	79,621.24	-0-	-0-	-0-	-0-	B-397,037.81	-0-	1,290,574.42	1,687,612.23
HUNTERDON	C - 4,994.83	-0-	7,972.32	-0-	-0-	-0-	69,979.50	-0-	12,967.15	82,946.65
MERCER	-0-	39,000.00	109,503.60	76,667.42	-0-	-0-	385,314.00	130,880.00	225,171.02	741,365.02
MIDDLESEX	71,500.00	32,000.00	182,000.00	50,000.00	20,000.00	-0-	282,105.01	78,277.51	355,500.00	715,882.52
MONMOUTH	118,146.43	115,904.50	60,000.00	854,000.00	51,132.90	-0-	357,178.75	91,606.25	1,199,183.83	1,647,968.83
MORRIS	130,444.44	12,000.00	-0-	-0-	-0-	-0-	34,615.00	-0-	142,444.44	177,059.44
OCEAN	40,463.99	31,546.50	-0-	-0-	-0-	-0-	-0-	-0-	72,010.49	72,010.49
PASSAIC	100,000.00	45,741.00	-0-	-0-	43,000.00	20,000.00	B-680,181.25	-0-	208,741.00	888,922.25
SALEM	17,623.00	15,000.00	-0-	-0-	-0-	-0-	-0-	22,429.87	32,623.00	55,052.87
SOMERSET	35,000.00	30,000.00	-0-	-0-	-0-	-0-	B-105,000.00	-0-	65,000.00	170,000.00
SUSSEX	22,542.54	-0-	10,354.03	-0-	-0-	-0-	-0-	-0-	32,896.57	32,896.57
UNION	102,367.01	12,742.06	5,215.48	9,617.29	-0-	-0-	B-540,103.55	-0-	129,941.84	670,045.39
WARREN	-0-	-0-	1,241.46	-0-	-0-	-0-	-0-	-0-	1,241.46	1,241.46
TOTALS	2,395,964.12	610,347.65	789,503.06	1,198,977.14	164,281.02	44,129.61	4,123,135.22	476,169.52	5,203,202.60	9,802,507.34

(A) - WPA expenditures included in Maintenance and Construction Accounts. Per letter from Mr. Thier dated 1/9/41.
(B) - Bridge Bonds combined with Road Bonds.
(C) - Road Equipment and Highway Lighting Payments.

Projects Division
Feb. 11, 1941

MOTOR VEHICLE AID

PLANS APPROVED, CONTRACTS AWARDED OR PRICE AGREEMENTS APPROVED JANUARY 1st, 1941 to DECEMBER 31st, 1941

Name of Road or Bridge	Type Surface	Type Found.	Length	Method of Construction	State's Allotment	(1)Contract Amt. (2)Final Cost (3)Estimated Cost	W.P.A.Cost Only
			BURLINGTON COUNTY				
Cramers Farm,Friendship Bogs, Ives Branch Bridges	Creosoted Timber	-	-	Force Acct.	$ 8,806.83	$ 8,806.83 (2)	
			CAMDEN COUNTY				
Various Rds.County Wide No.7 (5-B)Bridges	Furnishing work & supplies for bridge work		-	FA-WPA	1,389.33	2,299.87 (2)	$542,330.00
			CAPE MAY COUNTY				
North Wildwood Road	Gravel	-	2.19	Contract	11,000.00	13,395.68 (2)	
			CUMBERLAND COUNTY				
Cohansey Stream Br.on Walters Rd.	Concrete	Pile	-	Contract	14,359.62	14,359.62 (2)	
Harrow Run Bridge on Center District Road	Concrete	-	-	"	3,753.90	3,753.90 (2)	
Little Robin Branch Bridge on Mill Road	Concrete Slab	-	-	"	10,258.10	10,258.10 (1)	
West Creek Culverts on Leesburg-Belle Plain Road	Double Concrete Box Culvert		-	"	7,216.84	7,395.15 (2)	
			HUDSON COUNTY				
Various Roads, County Wide	Various Repairs		-	FA-WPA	556,485.32	327,598.00 (3)	361,855.00
Various Roads Repaired	Sheet Asphalt		-	Contract	17,740.00	16,958.94 (2)	
			HUNTERDON COUNTY				
Readington-Dreahook Rd.(No.21)	Type A or T	Macadam	1.08	Contract	12,615.13	32,205.88 (3)	
			MORRIS COUNTY				
* Dover-Millbrook Rd.(Morris St.)	Reinf.Concrete	-	.53	Contract	35,000.00	39,901.50 (3)	
			PASSAIC COUNTY				
LaRue Bridge over Clinton Brook	Concrete	-	-	Contract	10,445.38	10,445.38 (2)	
Union Valley Rd.Bridge No.4	"	-	-	"	6,734.41	6,482.00 (3)	
Union Valley Rd. Bridge No.5	" & Steel	-	-	"	8,913.06	12,086.10 (3)	
			SALEM COUNTY				
Coleman Road	Gravel	-	1.66	Contract	8,000.00	4,971.11 (2)	
DuBois Bridge #493 over Old Mans Crk.	Concrete	-	-	"	1,500.00	24,179.36 (2)	

(continued on sheet 2)

* Plans to be revised for change in Type of Surface.

Motor Vehicle Aid (continued sheet #2)

Name of Road or Bridge	Type Surface	Type Found.	Length	Method of Construction	State's Allotment	(1)Contract Amt. (2)Final Cost (3)Estimated Cost	W.P.A. Cost Only
			Salem County continued				
Griffith Street	Bit.Concrete	Macadam	.23	Contract	$ 8,728.50	$ 8,728.50 (2)	
Hancock's Bridge-Salem Rd.	" "	"	1.65	"	4,000.00	13,586.98 (2)	
South Main St.Bridge #448 over Salem Creek	Concrete	Pile	-	"	4,000.00	40,251.03 (2)	
			SOMERSET COUNTY				
Dead River Bridge #258 on Martinsville-Lib.Cor.Rd.	I-Beam	Pile	-	Contract	17,000.00	17,689.82 (1)	
			SUSSEX COUNTY				
ROss' Corner-Hamburg Rd. No.45	B.S.T.mixed-in-place	Gravel	.69	Force Acct.	15,786.42	15,786.42 (2)	
			WARREN COUNTY				
Broad Street Extension	Reinf.Conc.	-	.05	Contract	7,000.00	6,620.50 (2)	
Straw Tavern-Stewartsville #38	Bit.Pen.Mac.	Macadam	1.94	Force Acct.	15,888.82	15,888.82 (2)	
		GRAND TOTALS	10.02		$786,621.66	$653,649.49	$ 904,185.00

COUNTY W.P.A. EQUALIZING PROJECTS 1941 (No State Aid Funds)
(All work done or being done by Force Account)

Name of Road or Bridge	Type Surface	Length	Width	Sponsor Funds	Federal Funds	Total Funds	Status of Work
			ATLANTIC COUNTY				
Brigantine Blvd. & Huron Ave.	Bit.Concrete	.95	20'	$ 3,436.00	$ 24,015.00	$ 27,451.00	Not Started
Stream Clearance	Stream Clearance	10.10	-	31,581.00	278,673.00	310,254.00	Under Const.
Stream Clearance County Wide	" "	-	-	7,486.00	125,679.00	133,165.00	" "
			BURLINGTON COUNTY				
Fort Dix Access Roads	Type T & Gravel,BST	47.90	30-40'	56,001.00	796,017.00	852,018.00	Under Const.
			CAPE MAY COUNTY				
Cape May Naval Sta.Access Rds.	Bit.Concrete	1.36	20'	7,616.00	152,337.00	159,953.00	Under Const.
	GRAND TOTALS	60.31		$ 106,120.00	1,376,721.00	1,482,841.00	

TOWNSHIP & BOROUGH AID ROADS COMPLETED JANUARY 1st, 1941 to DECEMBER 31st, 1941

Municipality	Name of Road	Type	Mileage	Method of Construction	State's Share of Const.	State's Share of Engr.	*Final Cost of Const. without W.P.A. Funds	Total Cost Without W.P.A. Funds
			ATLANTIC COUNTY					
Absecon City	Bayview Drive	Bit.Surf.Tr.	1.65	Contract	$ 2,000.00	-	$ 2,463.76	$ 2,463.76
" "	Huron,Delaware&South West St.	Bit.Conc.	.30	"	4,390.81	81.00	4,878.68	4,968.68
Brigantine City	Ocean & Bayshore Aves.	Bit.Conc.	.58	"	8,035.63	156.60	8,928.48	9,102.48
Buena Vista Twp.	Willow Ave. & Various Sts.	Gravel	6.16	FA-WPA	6,500.00	-	7,770.58	7,770.58
Egg Harbor City	Bremen,Shelling &Antwerp Aves.	"	1.35	Force Acct.	3,498.39	-	3,887.10	3,887.10
Egg Harbor Twp.	Blackman Rd,Rob't.Best Rd., Tunis & Various Sts.	Bit.Surf.Tr.	5.53	Contract	5,942.66	-	6,602.96	6,602.96
" " "	Brenta Ave. & Various Sts.	Gravel	3.60	FA-WPA	6,681.25	1,233.00	7,817.11	9,187.11
" " "	Schoolhouse Road	Bit.Surf.Tr.	.99	Force Acct.	1,775.64	-	1,978.37	1,978.37
Hamilton Twp.	Weymouth-Elwood Sec.2,Ave."B", Jackson &Weymouth-Mizpah Rds.	Gravel	4.39	FA-WPA	4,958.25	1,540.80	5,509.17	7,221.17
Hammonton Town	Pine Rd.Outlet Ditch for Storm Sewer	Storm Drain	.95	Force Acct.	397.08	-	441.20	441.20
Linwood City	Oak Ave.Sec.2 & Laurel Ave.	Bit.Conc.	.42	Contract	7,051.25	113.40	8,261.12	8,387.12
" "	Seaview,Cambridge &Various Sts.	" "	2.58	FA-WPA	7,000.00	-	9,967.95	9,967.95
Longport Boro	15th,17th,16th & 26th Aves.	" "	.31	Contract	4,235.40	83.70	4,706.00	4,799.00
Margate City	Monmouth Ave.Sec.2& Essex Ave.	" "	.64	"	8,863.47	-	9,943.56	10,136.46
Northfield City	Fuae Ave. & Northfield Plaza	" "	.42	"	7,112.88	87.12	7,903.20	8,029.20
Pleasantville Cy.	Reading Ave. & Bayview Ave.	" "	.69	"	10,659.60	186.30	11,844.00	12,051.00
Somers Point Cy.	New Jersey Av.Sec.2&Johnson Av.	" "	.28	"	4,500.00	-	5,111.40	5,111.40
Ventnor City	Winchester Av.Sec.2 &Wyoming Av.	" "	.48	"	7,483.18	129.06	8,820.80	8,964.20
Weymouth Twp.	12th Ave. & 13th Ave. Sec.2	Gravel	1.20	FA-WPA	1,000.00	-	2,320.25	2,320.25
		Totals ..	32.52		$102,085.49	$3,610.98	$119,155.69	$ 123,389.99
			BERGEN COUNTY					
Bergenfield Boro	East Clinton Ave.	Bit.Pen.Mac.	.24	Contract	3,100.00	-	4,171.48	4,409.48
Cliffside Park Bo.	Cecelia Ave. Sec.2	" " "	.16	C-WPA	2,025.32	140.40	2,433.88	2,589.88
East Paterson Bo.	Boulevard Sec.2	" " "	.43	"	2,835.46	277.27	3,150.51	3,458.59
Fort Lee Boro	Whitemans Street Sec.#2	" " "	.16	Contract	2,392.27	146.70	2,658.08	2,821.08
Hillsdale Boro	Hillsdale Ave.	" " "	.37	"	6,002.01	297.99	6,668.90	7,000.00
Hohokus Boro	Edgewood Drive	" " "	.20	"	2,257.08	37.56	2,507.87	2,695.96
Oradell Boro	Summit Ave.Storm Sewer	Storm Drain	.15	Force Acct.	900.00	-	1,141.33	1,141.33
Ramsey Boro	Shadyside Road Sec.2	Bit.Pen.Mac.	.37	Contract	5,628.75	298.07	6,254.17	6,585.36
Ridgewood Village	East Glen Ave.	" " "	.23	C-WPA	3,958.24	-	4,398.05	4,398.05
River Vale Twp.	Sand Road	" " "	.25	Contract	4,379.58	221.40	4,866.20	5,112.20
Rutherford Boro	Carmita Avenue	" " "	.38	FA-WPA	3,900.00	-	11,145.87	11,525.87

(Continued on sheet #2)

TOWNSHIP & BOROUGH AID ROADS COMPLETED JANUARY 1st, 1941 to DECEMBER 31st, 1941 (continued sheet #2)

Municipality	Name of Road	Type	Mileage	Method of Construction	State's Share of Const.	Engr.	Final Cost of Const. without W.P.A.Funds	Total Cost Without W.P.A.Funds
				Bergen County continued				
Saddle River Bo.	Ackerman Ave.	Bit.Pen.Mac.	.47	Contract	$ 5,567.66	425.70	$ 6,186.29	$ 6,659.29
Tenafly Boro	Front Street	" " "	.41	C-WPA	5,732.53	369.00	6,368.93	6,778.93
" "	Railroad Avenue	" " "	.44	"	4,500.00	-	5,143.97	5,555.49
Waldwick Boro	Monroe Street	" " "	.28	Contract	1,750.00	-	3,709.02	3,709.02
Washington Twp.	Glen Ave. Paving	" " "	.63	"	8,282.17	567.00	9,202.41	9,832.41
		Totals ...	5.17		$ 63,211.07	$2781.09	$ 80,006.96	$ 84,272.94
				BURLINGTON COUNTY				
Beverly City	Putnam,Magnolia,3rd,Manor & Spruce Sts.	Gravel	1.58	Contract	3,600.00	-	4,246.74	4,879.94
Chester Twp.	Spruce & E.Linwood Aves.	"	.89	FA-WPA	4,127.07	-	4,585.63	4,585.63
Delanco Twp.	Union,Cedar & Delaware Aves.	" ,B.S.T.	.46	Contract	4,497.04	414.00	5,207.91	5,667.91
Delran Twp.	Creek Road	" "	1.68	"	6,735.51	673.55	7,483.90	8,232.29
" "	Creek Road Sec.1 Gutters	Bit.Conc.	.38	"	1,392.30	-	1,547.00	1,547.00
Evesham Twp.	Evesboro-Medford Rd.	Gravel	1.00	"	3,202.53	360.00	3,558.37	3,958.37
Medford Twp.	Taunton Lakes Rd.Sec.2 Ext.	"	.36	Force Acct.	898.02	-	997.80	997.80
Mount Laurel Tp.	Elbo Lane Rd.Sec.1	"	1.36	Contract	3,000.00	-	3,777.50	4,321.50
No.Hanover Twp.	Paulson Road	"	1.02	"	4,625.48	368.64	5,139.42	5,549.02
Palmyra Boro	Spring Garden St.	Gravel,BST	.76	FA-WPA	3,000.00	-	3,341.97	3,645.57
Pemberton Twp.	Birmingham-No.PembertonSec.2	Gravel	.87	Contract	5,662.49	178.93	6,291.65	6,677.65
Shamong Twp.	Pipers Corner Rd.Sec.2	Gravel,Ca.Cl.	.75	"	3,411.56	290.74	3,790.62	4,158.18
Tabernacle Twp.	Hedgerhouse Road	Gravel	1.06	"	2,289.62	381.60	2,544.02	2,968.02
Washington Twp.	Lower Bank & River Rd.	"	1.67	"	3,565.99	334.01	3,962.29	4,630.29
Willingboro Twp.	Park Road Sec.2	Gravel,BST	.50	Force Acct.	1,479.92	20.08	1,644.35	1,844.35
		Totals ..	14.34		$ 51,487.53	3021.55	58,119.17	63,663.52
				CAMDEN COUNTY				
Gibbsboro Boro	So.United States Ave.	Gravel,Ca.Cl.	.98	Contract	3,744.90	255.10	4,161.00	4,577.10
Gloucester Twp.	Buffalo Road	Gravel	1.40	Force Acct.	1,041.22	-	1,156.91	1,156.91
Gloucester Twp.	Lower Landing Road	Gravel,BST	2.58	FA-WPA	5,562.80	928.80	6,180.89	7,212.89
Gloucester Twp.	Turnerville-Erial Rd.	Gravel	1.95	Contract	4,431.58	702.00	4,923.98	5,703.98
Haddon Twp.	Vesper,Onieda Sec.2&Saginaw Av.	Bit.Conc.	.21	"	4,613.04	191.70	5,474.08	5,687.08
Haddonfield Boro	Elm,E.Summit Sec.2& Spruce St.	Bit.Pen.Mac.	.40	"	7,323.70	360.00	8,540.65	8,940.65
" "	Haddon Ave. Sec.#2	Bit.Conc.	.30	"	6,298.29	80.46	6,998.10	7,087.50
Laurel Spgs.Boro	Park Ave. & Various Sts.	Bit.Surf.Tr.	6.21	FA-WPA	5,424.58	435.60	6,027.31	6,511.31
Magnolia Boro	East Atlantic Ave.Sec.1	Bit.Pen.Mac.	.35	Contract	10,139.31	312.30	11,756.62	12,103.62
Merchantville Bo.	Maple Ave. Sec.3	Reinf.Conc.	.37	"	26,818.54	330.30	30,860.99	31,227.99

(continued on sheet 3)

TOWNSHIP & BOROUGH AID ROADS COMPLETED JANUARY 1st, 1941 to DECEMBER 31st, 1941 (continued sheet #3)

Municipality	Name of Road	Type	Mileage	Method of Construction	State's Share of Const.	Engr.	Final Cost of Const. without W.P.A.Funds	Total Cost Without W.P.A.Funds
		Camden County Continued						
Oaklyn Boro	Clinton Ave.Underpass(Sewer)	Storm Dr.	.35	FA-WPA	$ 4,192.78	-	$ 4,192.78	$ 4,192.78
Pennsauken Twp.	Myrtle Avenue	Reinf.Conc.	.10	Contract	4,061.84	86.40	4,513.16	4,609.16
Winslow Twp.	Chews Landing Road	Gravel,BST	1.98	FA-WPA	5,782.38	517.62	6,424.86	7,216.06
		Totals ..	17.18		$ 89,434.96	$4200.28	$101,211.33	$ 106,227.03
		CAPE MAY COUNTY						
Avalon Boro	1st Ave. & Avalon Ave.	Gravel	1.20	Contract	3,498.55	-	3,887.28	3,887.28
Cape May City	Maryland,NewYork &Trenton Av.	Bit.Conc.	.97	"	15,061.96	262.44	16,735.51	17,027.11
Middle Twp.	Pierces Point Rd.	Gravel	.88	FA-WPA	1,287.04	212.96	1,430.04	1,780.44
No.Wildwood City	3rd,New Jersey,12th,15th,etc.	Bit.Conc.	1.05	Contract	14,683.50	283.50	16,315.00	16,630.00
Ocean City	Beach Rd.,Ocean Rd,6th,etc.	" "	1.35	"	17,881.00	-	20,321.56	20,321.56
Sea Isle City	40th,45th,32nd,36th,Pleasure Aves.,N & S 41st Sts.	" "	.39	"	5,334.91	-	5,927.68	5,927.68
Stone Harbor Boro	99th Street	" "	.48	"	8,500.00	-	10,502.27	10,502.27
Wildwood City	Cedar,Oak,Wildwood,Baker & New Jersey Aves.	" "	.82	"	9,000.00	221.40	14,985.00	15,231.00
Woodbine Boro	Adams Avenue	" "	.13	"	2,000.00	-	2,433.75	2,433.75
		Totals ..	7.27		$77,246.96	$ 980.30	$ 92,538.09	$ 93,741.09
		CUMBERLAND COUNTY						
Commercial Twp.	Berrytown Rd. & Brown St.Sec.2	Gravel	.75	Force Acct.	2,996.78	-	3,329.75	3,329.75
" "	Snow Hill Rd. Sec.1	"	.60	" "	2,193.49	-	2,437.21	2,437.21
Deerfield Twp.	Cedar Street	"	.80	" "	2,897.30	-	3,219.22	3,219.22
" "	Maple Street	"	.50	" "	1,980.00	-	2,222.00	2,222.00
" "	Mulberry & Poplar Sts.	"	.38	" "	1,597.45	-	1,774.95	1,774.95
Downe Twp.	Garrison Avenue	"	.40	" "	2,113.88	-	2,348.75	2,348.75
" "	Lore's Mill Road	"	1.30	" "	4,043.79	-	4,493.09	4,493.09
" "	Pennsylvania & Bayview Aves.	"	.15	" "	1,069.88	-	1,188.75	1,188.75
" "	Turkey Point Rd. Sec.3	"	1.30	" "	4,499.01	-	4,998.90	4,998.90
Fairfield Twp.	Back Neck School House Rd.	"	1.00	" "	3,147.30	-	3,497.00	3,497.00
" "	Fairton-Millville Rd.Sec.1	"	1.60	" "	4,497.12	-	4,996.80	4,996.80
" "	" " " " 2	"	1.50	" "	4,044.74	-	4,494.15	4,494.15
" "	" " " " 3	"	.90	" "	3,477.46	-	3,863.84	3,863.84
Greenwich Twp.	Miller-Stow Creek Wharf Rd.	"	.60	" "	3,149.69	-	3,499.65	3,499.65
" "	Wheaton Island Rd.	"	.80	" "	3,597.33	-	3,997.03	3,997.03
Hopewell Twp.	Perry Road	"	1.10	" "	3,386.11	-	3,762.34	3,762.34

(continued on sheet 4)

TOWNSHIP & BOROUGH AID ROADS COMPLETED JANUARY 1st, 1941 to DECEMBER 31st, 1941 (continued sheet #4)

Municipality	Name of Road	Type	Mileage	Method of Construction	State's Share of Const.	Engr.	Final Cost of Const. without W.P.A. Funds	Total Cost Without W.P.A. Funds
		Cumberland County continued						
Landis Twp.	East Park Avenue	Bit.Conc.	.46	Contract	$ 7,423.42	124.74	$ 11,675.95	$ 11,814.55
" "	New Pear Street	" "	.46	"	6,660.85	123.12	7,400.94	7,537.74
Lawrence Twp.	Sorantino Road	Gravel	.19	Force Acct.	789.72	-	877.47	877.47
Maurice River Tp.	Taylor Road Sec.1	"	1.20	" "	4,267.40	-	4,741.56	4,741.56
Stow Creek Twp.	Cook Road	"	1.17	" "	3,501.05	-	3,890.06	3,890.06
Vineland Boro	Plum St. & New Pear St.	Bit.Conc.	.53	Contract	8,002.84	-	11,156.94	11,156.94
		Totals ..	17.69		$ 79,336.61	247.86	$ 93,866.35	$ 94,141.75
		ESSEX COUNTY						
Bloomfield Town	Glenwood Ave.&Prospect St.	Bit.Conc.	.95	Contract	36,318.25	-	40,353.61	40,353.61
Caldwell Twp.	New Dutch Lane (Grading)	Grading	.73	"	21,397.72	-	24,575.25	24,575.25
" "	" " " (Paving)	Bit.Pen.Mac.	.73	"	14,460.03	-	16,066.70	16,066.70
Cedar Grove Twp.	Ozone Ave.Sec.2	" " "	.23	C-WPA	4,610.62	438.65	5,122.91	5,610.30
Irvington Town	Myrtle Ave.Sec.2	Bit.Conc.	.34	Contract	5,821.96	-	6,468.85	6,468.85
Montclair Town	Claremont Ave. Sec.2	Bit.Pen.Mac.	.59	"	26,282.28	-	29,202.53	29,202.53
W.Caldwell Boro	Hillside Ave.,Waverly Place & Elmwood Terrace	Type A	.53	"	8,491.32	477.00	9,434.80	9,964.80
West Orange Town	Harrison Avenue	Bit.Conc.	.29	"	17,443.26	-	19,381.40	19,381.40
		Totals ...	4.39		$ 134,825.44	915.65	$ 150,606.05	$ 151,623.44
		GLOUCESTER COUNTY						
Clayton Boro	Broad Street	Bit.Conc.	.53	Contract	8,911.08	78.92	9,901.20	10,060.20
Deptford Twp.	Salina Road Sec.1	Gravel	1.00	Force Acct.	3,600.00	-	4,001.10	4,001.10
" "	" " " 2	"	1.60	" "	2,400.00	-	2,666.75	2,666.75
E.Greenwich Twp.	Somers,Weatherby,Academy,etc.	" BST	.90	" "	3,934.93	-	4,372.14	4,372.14
Franklin Twp.	Victoria Ave.Sec.4	Gravel	1.60	" "	4,270.00	-	4,744.45	4,744.45
" "	Weymouth Rd. Sec.2	"	.50	" "	1,620.00	-	1,817.35	1,817.35
" "	Williamstown Road	"	1.65	" "	4,500.00	-	5,001.85	5,001.85
Glassboro Boro	Jefferson Ave. & Boulevard	Bit.Surf.Tr.	.66	" "	303.26	-	336.95	336.95
" "	Railroad,Victoria & Var.Sts.	Gravel	1.63	" "	4,500.00	-	5,000.00	5,000.00
Greenwich Twp.	North Delaware St.	"	.18	" "	700.00	-	777.77	777.77
" "	N.Market,Casperson,Newell Place & Vine St.	"	.40	" "	2,478.60	-	2,754.00	2,754.00
" "	Swedesboro Rd.,Hudson St.etc.	"	1.05	" "	4,485.87	-	4,984.30	4,984.30
Harrison Twp.	Back Creek Rd. Sec.1	"	1.20	" "	4,299.39	-	4,777.10	4,777.10
" "	Walters Road	"	.90	" "	3,239.86	-	3,599.85	3,599.85
Mantua Twp.	Golf Club Rd.	"	.50	" "	1,350.00	-	1,503.18	1,503.18

(Continued on sheet 5)

TOWNSHIP & BOROUGH AID ROADS COMPLETED JANUARY 1st, 1941 to DECEMBER 31st, 1941 (Continued sheet #5)

Municipality	Name of Road	Type	Mileage	Method of Construction	State's Share of Const.	Engr.	Final Cost of Const. without W.P.A. Funds	Total Cost Without W.P.A. Funds
		Gloucester County Continued						
Mantua Twp.	Jackson Road	Gravel	2.40	Force Acct.	$ 3,450.00	-	$ 3,837.15	$ 3,837.15
Monroe Twp.	Janvier Road	"	1.90	" "	4,500.00	-	5,001.90	5,001.90
National Park Boro	Oak Ave. & Chestnut St.	"	.40	" "	1,999.26	-	2,221.40	2,221.40
Newfield Boro	Weymouth Rd., Hazel, Oaklyn & Maple Aves.	Gravel, BST	1.10	" "	3,999.72	-	4,444.13	4,444.13
Paulsboro Boro	Thompson Ave., Vanneman Ave. & Blvd.	Gravel	.40	" "	1,440.00	-	1,602.10	1,602.10
Pitman Boro	Alcyon Blvd, Esplanade, Edsam, Oak Crest & Highland Ter.	Bit. Conc.	.54	Contract	7,568.38	130.68	10,166.46	10,311.66
So. Harrison Twp.	Crispin Road	Gravel	.55	Force Acct.	4,499.78	-	4,999.75	4,999.75
Washington Twp.	Fish Pond Rd., John Irvin & Various Rds.	Drainage	-	" "	3,671.53	-	4,079.48	4,079.48
" "	Park, Lake & Central Aves.	Gravel	.72	FA-WPA	2,062.92	259.06	2,292.13	2,579.97
Wenonah Boro	Cherry St. & Poplar St.	"	.63	Force Acct.	2,998.62	-	3,331.80	3,331.80
West Deptford Twp.	Elbourne, Lafayette, Francis, Tatum & Woodland Aves.	Gravel, BST	1.35	" "	4,699.53	-	5,221.70	5,221.70
" " "	First Avenue	Gravel	.31	Contract	4,370.74	-	4,856.38	5,166.38
Westville Boro	Birch, Oak & High Sts.	"	.44	Force Acct.	1,500.00	-	1,672.25	1,672.25
" "	4th & 5th Sts.	Gravel, BST	.39	" "	598.40	-	672.60	672.60
" "	Harvard, Cedar, Locust, Avon, 3rd & 6th Sts.	" "	1.06	" "	4,000.00	-	4,482.45	4,482.45
Woodbury City	Cooper Street	Bit. Conc.	.99	Contract	7,654.48	267.84	8,504.98	8,802.58
Woodbury Hgts. Bo.	Maple, Barlow, Park, Poplar, etc.	Gravel	.85	Force Acct.	3,822.17	-	4,246.85	4,246.85
Woolwich Twp.	Back Creek Rd. Sec. 1	Gravel	.85	" "	2,969.82	-	3,299.80	3,299.80
" "	" " " " 2	"	.70	" "	2,519.33	-	2,799.25	2,799.25
" "	" " " " 3	"	.30	" "	859.86	-	955.40	955.40
		Totals..	30.18		$119,777.53	736.50	$134,925.95	$ 136,125.59
		HUDSON COUNTY						
East Newark Boro	Third Street	Reinf. Conc.	.17	Contract	17,000.00	-	20,688.94	22,420.58
Guttenburg Town	26th St. (Now 70th St.)	Sheet Asph.	.21	C-WPA	13,689.68	1,341.59	15,251.76	16,742.41
" "	70th St. Sec. 2	" "	.25	Contract	17,754.39	1,686.66	19,727.10	21,601.17
North Bergen Twp.	Broadway	Reinf. Conc.	.36	C-WPA	46,995.00	3,005.00	56,040.42	60,456.41
Secaucus Town	Center Avenue	Sheet Asph.	.85	C-WPA	61,637.82	4,622.83	68,486.46	73,622.94
" "	5th Street	Reinf. Conc.	.18	Contract	10,310.35	-	13,658.35	15,007.79
" "	Maple Street	" "	.19	"	16,303.83	1,586.37	18,115.37	19,878.00
" "	Minnie Place	" "	.14	"	10,027.73	998.76	11,141.92	12,251.66

(continued on sheet 6)

TOWNSHIP & BOROUGH AID ROADS COMPLETED JANUARY 1st, 1941 to DECEMBER 31st, 1941 (Continued sheet #6)

Municipality	Name of Road	Type	Mileage	Method of Construction	State's Share of Const.	Engr.	Final Cost of Const. without W.P.A. Funds	Total Cost Without W.P.A. Fund
		Hudson County Continued						
West New York Town	Park Avenue	Reinf. Conc.	.22	Contract	$ 33,773.94	2,955.22	$ 37,526.60	$ 40,810.18
" " " "	16th St. Sec. 2 (Now 60th St.)	" "	.19	C-WPA	23,355.41	2,218.76	25,950.46	28,415.75
		Totals ..	2.76		$250,848.15	18,415.19	286,587.38	311,206.89
		HUNTERDON COUNTY						
Clinton Twp.	Annandale-High Bridge Rd.	Bit. Pen. Mac.	.51	Contract	7,940.44	397.02	8,822.71	9,763.84
" "	" " " Sec. 2	" " "	.67	"	8,717.16	435.85	9,685.73	10,170.01
" "	Cokesbury-Califon Rd.	" " "	.30	"	4,022.58	189.96	4,469.53	4,693.00
Delaware&Raritan Tps.	Ringoes-Croton Sec. 4	" " "	.59	"	8,466.63	508.00	9,407.36	9,971.80
Franklin Twp.	Pittstown-Baptistown Rd.	" " "	1.30	FA-WPA	150.00	-	167.12	167.12
" "	River Road	Type A	.51	Contract	9,523.71	459.90	10,581.90	11,092.90
Lebanon Twp.	Glen Gardner-Woodglen Sec. 3	Bit. Pen. Mac.	.61	"	8,123.45	406.17	9,026.06	9,477.36
" "	" " " " 4	" " "	.59	"	8,715.41	436.85	9,707.85	10,193.24
Tewksbury Twp.	Cokesbury-Califon Rd. Sec. 1	" " "	.20	"	5,000.00	-	5,586.94	5,784.94
Union Twp.	Clinton-Tunisons Cor. Sec. 2	" " "	.49	"	8,731.30	442.80	9,843.32	10,335.32
" "	" " " " 3	" " "	.30	"	4,589.41	229.48	5,099.35	5,354.32
" "	Pattenburg-Norton Rd.	" " "	.47	"	7,445.66	372.29	8,272.96	8,686.61
		Totals ..	6.54		$ 81,425.75	3,878.32	90,670.83	95,690.46
		MERCER COUNTY						
East Windsor Twp.	Etra-Monmouth County Line	Tar Soil Stab.	.79	Force Acct.	3,000.00	-	3,599.90	3,599.90
Hightstown Boro	Maxwell Ave. Sec. 1	Bit. Pen. Mac.	.16	" "	3,600.00	-	4,045.67	4,045.67
" "	" " " 2	" " "	.23	" "	4,000.00	-	4,444.44	4,444.44
Hopewell Boro	Model Ave. Sec. 2	Type A	.13	Contract	6,248.62	118.80	8,618.06	8,750.06
Hopewell Twp.	Hopewell-Wertsville Sec. 3	Bit. Pen. Mac.	.79	"	11,125.22	74.78	12,361.35	13,153.35
" "	Moores Sta.-Ackers Cor. Sec. 4	" " "	.29	"	6,778.72	260.10	7,531.91	8,689.90
Lawrence Twp.	Princeton Turnpike Sec. 3	" " "	.78	FA-WPA	10,000.00	-	11,175.64	11,175.64
Pennington Boro	West Welling Ave.	Type A	.15	Contract	6,802.88	133.20	8,770.68	8,918.68
Princeton Boro	Green, Quarry, Maclean, Lytle & Witherspoon Sts.	Bit. Conc.	.80	FA-WPA	7,000.00	-	8,653.57	8,653.57
Princeton Twp.	Princeton Pike Sec. 2	Bit. Pen. Mac.	.59	Contract	7,778.73	531.00	8,643.03	9,233.03
" "	" " " 3	" " "	.36	"	8,815.23	324.00	9,794.70	10,154.70
West Windsor Twp.	Alexander Road	" " "	.26	"	6,323.85	238.50	7,137.50	7,402.50
" " "	" " Sec. 2	" " "	.31	"	8,140.45	279.00	9,044.94	9,355.94
" " "	Reed-Dey Road Sec. 2	Tar Soil Stab.	.25	Force Acct.	1,200.00	-	1,333.33	1,333.33
		Totals ..	5.89		$ 90,813.70	1,959.38	$105,154.72	108,910.71

TOWNSHIP & BOROUGH AID ROADS COMPLETED JANUARY 1st, 1941 to DECEMBER 31st, 1941 (Continued sheet #7)

Municipality	Name of Road	Type	Mileage	Method of Construction	State's share of Const.	Engr.	Final Cost of Const. without W.P.A. Funds	Total Cost Without W.P.A. Funds
		MIDDLESEX COUNTY						
Cranbury Twp.	Wyckoff Mills Rd.	Gravel	1.71	Contract	$ 6,078.24	607.82	$ 6,753.60	$ 7,428.96
Metuchen Boro	Lake Avenue	Type T	.32	"	4,500.00	-	7,345.48	7,345.48
Middlesex Boro	Mountain Ave. Sec. 2, Wellington Street & Marlborough Ave.	Bit. Pen. Mac.	.59	"	21,000.00	-	24,456.92	24,456.92
Monroe Twp.	Union Valley-Applegarth Road	Gravel	1.87	"	7,633.61	763.37	8,481.80	9,329.98
Piscataway Twp.	West 4th Street Sec. #2	Type T	.54	"	9,491.54	488.70	10,546.16	11,089.16
Plainsboro Twp.	Scotts Cor.-Monmouth Jct. Sec. 2	" "	.45	"	14,584.44	405.90	16,204.93	16,655.93
So. Brunswick Twp.	Cottageville-Fresh Ponds Sec. 3	" "	.49	"	7,829.89	442.80	8,699.88	9,191.88
" " "	New Road (South) Sec. 2	Type A	1.08	"	15,060.83	769.83	16,734.26	17,589.62
So. Plainfield Bo.	Delmore Avenue	" T	.20	"	4,154.88	180.00	4,616.53	4,816.53
		Totals ..	7.25		$ 90,333.43	3,658.42	103,839.56	107,904.46
		MONMOUTH COUNTY						
Atlantic Twp.	Montrose Road (Grading)	Grading	1.79	Force Acct.	1,860.04	321.84	2,066.71	2,424.31
" "	" " (Paving)	Gravel	1.79	Contract	2,722.05	321.84	3,024.50	3,382.10
Atl. Highlands Bo.	East Highland Avenue	Gravel, BST	.63	Force Acct.	1,500.00	-	1,860.35	1,860.35
" " "	Prospect Ave. & 8th Ave.	" "	.80	" "	1,500.00	-	1,867.05	1,867.05
Avon-by-the-Sea Bo.	4th & West End Aves.	Bit. Surf. Tr.	.40	Contract	1,060.00	72.00	1,177.78	1,257.78
" " " "	5th Avenue	Gravel, BST	.35	FA-WPA	1,500.00	-	2,493.55	2,742.90
Belmar Boro	A, B, C, Surf & Various Sts.	" "	3.47	"	5,901.14	-	10,545.43	10,545.43
" "	5th, 8th & 13th Aves.	Type A	1.68	Contract	4,818.08	181.92	5,880.73	6,132.73
Bradley Beach Bo.	Madison Ave. & Central Ave.	Gravel, BST	1.17	"	2,833.25	166.75	3,701.76	4,009.76
Deal Boro	Roosevelt Avenue	Bit. Surf. Tr.	.45	Force Acct.	521.21	-	927.73	927.73
Eatontown Boro	Villa Place	" " "	.22	" "	630.28	-	1,016.50	1,016.50
Howell Twp.	Hulick-Peskin Rd.	Gravel, BST	2.00	" "	3,000.00	-	3,998.89	3,998.89
" "	Lippincott Rd.	Gravel	.60	" "	1,000.00	-	1,474.40	1,474.40
Interlaken Boro	Buttermere Ave.	Gravel, BST	.43	Contract	1,972.73	27.27	2,191.92	2,411.11
Keyport Boro	Loppatatong, W. 1st, & Var. Sts.	" "	.85	Force Acct.	2,120.00	-	2,471.30	2,471.30
" "	Prospect, E. Front & Var. Sts.	" "	1.06	Contract	7,911.40	-	10,492.38	10,492.38
Manalapan Twp.	Craig Rd.	" "	.83	Force Acct.	1,500.00	-	1,958.27	1,958.27
Manasquan Boro	Stockton Ave., N. Main St., Wyckoff Ave. & 2nd Ave.	Type A	1.10	Contract	4,000.00	-	4,708.91	4,708.91
Matawan Boro	Broad Street	Bit. Surf. Tr.	.38	Force Acct.	978.29	-	1,086.99	1,086.99
Middletown Twp.	Old Woman's Hill Rd.	Gravel, BST	.38	Contract	6,289.61	341.10	6,988.46	7,367.46
Millstone Twp.	Bairds Cor.-Sweetman's Lane Sec. 1	" "	.50	Force Acct.	2,310.68	189.32	2,567.42	2,824.16
" "	Ely Cor.-Eilers Cor. Rd. & Clarksburg-Red Valley Rd.	Gravel	1.00	" "	2,500.00	-	2,969.55	2,969.55

TOWNSHIP & BOROUGH AID ROADS COMPLETED JANUARY 1st, 1941 to DECEMBER 31st, 1941 (Continued sheet #8)

Municipality	Name of Road	Type	Mileage	Method of Construction	State's share of Const.	Engr.	Final Cost of Const. without W.P.A. Funds	Total Cost Without W.P.A. Funds
		Monmouth County Continued						
Neptune Twp.	9th Ave. Sec.2, 10th & 11th Av.	Type A	1.30	Contract	$ 3,972.19	175.50	$ 4,724.74	$ 4,919.74
" "	Pine Brook-Hamilton Rd.	Gravel, BST	.20	Force Acct.	630.00	-	726.13	726.13
" "	7th, 8th, Ridge & 9th Aves.	Type A	1.91	Contract	4,500.00	-	5,179.83	5,751.93
Ocean Twp.	Bendermere Ave.	Gravel, BST	.44	"	6,000.00	-	6,683.39	6,683.39
Oceanport Boro	Port-au-Peck Ave. Sec.1&2	" "	1.00	"	2,000.00	-	2,581.66	2,581.66
Raritan Twp.	Hazlet Ave. & Union Ave.	Bit. Surf. Tr.	1.60	Force Acct.	2,000.00	-	2,283.97	2,283.97
Sea Girt Boro	Beacon Blvd. Sec.2, Chicago, Brooklyn Blvd. & Ocean Ave.	Gravel, BST	.47	Contract	1,713.38	169.20	1,980.35	2,168.35
" " "	Boston Blvd. & Brook'n. Blvd. Sec.2	Bit. Su. Tr.	1.00	Force Acct.	2,286.62	-	3,764.20	3,764.20
Shrewsbury Twp.	Cranberry Brook-Wayside Rd.	Bit. Surf. Tr.	1.00	" "	1,500.00	-	1,673.70	1,673.70
" "	Pine Brook-Hamilton Rd. Sec.2	" " "	1.65	" "	2,430.00	-	2,899.91	2,899.91
South Belmar Boro	17th Avenue	Type A	.35	Contract	1,000.00	-	1,516.94	1,516.94
Spr. Lake Hgts. Bo.	Lake, 7th, Railroad Av. & Var. Sts.	Bit. Su. Tr.	.95	Force Acct.	1,000.00	-	1,178.13	1,178.13
" " " "	Old Mill Rd. & Mercer Ave.	Bit. Surf. Tr.	.33	" "	390.03	-	433.37	433.37
Upper Freehold Twp.	Red Valley-Imlays Hill Rd.	Gravel, Ca. Cl.	.68	Contract	4,798.94	245.52	5,332.16	5,604.96
Wall Twp.	Marconi Rd. & Old Mill Rd.	Gravel, BST	2.09	FA-WPA	4,500.00	-	7,164.79	7,999.99
" "	Sea Girt Ave.	" "	1.57	"	4,000.00	-	4,472.31	4,472.31
		Totals ..	38.42		$101,149.92	2,212.26	128,066.16	132,588.74
		MORRIS COUNTY						
Chester Twp.	South Road Sec.1	Type A	.16	Contract	6,788.82	144.00	7,543.13	7,703.13
Denville Twp.	Savage Rd.-Morris Ave. Sec.1	" "	.43	"	9,000.00	-	13,480.80	13,480.80
Harding Twp.	Basking Ridge-New Vernon Sec.4	" "	.20	"	7,648.69	184.05	8,698.55	8,903.05
Jefferson Twp.	Sparta-Newfoundland Sec.3	Bit. Pen. Mac.	.53	"	8,702.17	477.00	9,669.08	10,199.08
" "	" " " 4	" " "	.50	"	11,357.23	451.80	12,619.14	13,121.14
Morris Twp.	Western Ave. Sec.1	Type A	.52	"	11,235.27	464.40	12,483.63	12,999.63
Passaic Twp.	Long Hill Rd. Sec.2	" "	.36	"	8,804.65	195.35	9,782.94	10,000.00
Randolph Twp.	Randolph Avenue	Mac. Found.	.42	"	4,894.25	379.26	5,438.05	5,859.45
" "	" " (Drainage)	Fr. Drain		Force Acct.	726.49	-	872.22	872.22
Washington Twp.	Long Valley-Fairmount Sec.5	Bit. Pen. Mac.	.42	Contract	6,266.36	378.90	6,962.62	7,383.62
		Totals ..	3.54		$ 75,423.93	2,674.76	87,550.16	90,522.12
		OCEAN COUNTY						
Barnegat City Bo.	6th Street	Gravel	.25	Force Acct.	1,000.00	-	1,111.65	1,111.65
Beach Haven Boro	Amber St., Pelham & Penna. Ave.	"	.35	" "	3,409.51	90.49	3,788.35	4,091.42
Beachwood Boro	Lookout Street	"	.32	" "	3,500.00	-	3,908.18	3,908.18
Berkeley Twp.	Brown & Layton Ave. & Lawshe Dr.	"	.58	" "	1,796.79	-	1,996.43	1,996.43
" "	Lewis Ave. Sec.2 & Anglesea Av.	"	.40	" "	1,703.21	-	1,892.46	1,892.46

TOWNSHIP & BOROUGH AID ROADS COMPLETED JANUARY 1st, 1941 to DECEMBER 31st, 1941 (Continued sheet #9)

Municipality	Name of Road	Type	Mileage	Method of Construction	State's share of Const.	Engr.	Final Cost of Const. without W.P.A. Funds	Total Cost Without W.P.A. Funds
				Ocean County continued				
Brick Twp.	Mandalay Rd.Sec.2,Summit, Midaval & Myrtle Aves.	Gravel	.92	Force Acct.	$ 3,499.39	-	$ 3,888.21	$ 3,888.21
" "	Silverton Rd.& Mercer Ave.	"	.57	" "	2,312.30	-	2,569.22	2,569.22
Dover Twp.	Batchelor Street	"	.75	" "	3,761.60	-	4,179.55	4,179.55
" "	Dickinson Ave.	"	.33	" "	1,341.05	-	1,490.05	1,490.05
" "	Grover Rd. & Foster Rd.	"	.46	" "	2,943.00	-	3,270.54	3,270.54
" "	Spruce,Orchard,Horner,Grant & Berry Sts.	Gravel,BST	.63	" "	4,320.00	226.80	4,800.16	5,052.16
Eaglewood Twp.	Willetts Ave. & John St.	Gravel	.31	" "	1,190.92	-	1,323.24	1,323.24
Harvey Cedars Bo.	Burlington & Harvest Aves.	"	.19	Contract	1,784.10	173.70	1,982.34	2,175.34
Jackson Twp.	Prospertown-Lakehurst Rd.Sec.3	"	.68	Force Acct.	2,737.62	222.60	3,146.63	3,393.96
Lavallette Boro	Bond Ave.&Brown Ave.(Drain.)	Storm Dr.		" "	1,927.61	-	2,141.79	3,558.21
Little Egg Har.Tp.	Otis Bog Rd.Sec.2	Gravel	.47	" "	3,196.00	-	3,551.11	3,551.11
" " " "	Stafford Forge Rd.Sec.1	"	.30	" "	1,500.00	-	1,666.75	1,666.75
" " " "	" " " " 2	"	.11	" "	580.00	-	644.88	644.88
Manchester Twp.	Broadway Blvd.Sec.2&Morningside	Gravel	.72	" "	3,000.00	-	3,983.83	3,983.83
Ocean Twp.	Bonita Rd.Sec.2,Forest Dr., Oak Knoll & Breaker St.	Gravel	.47	" "	2,500.00	-	2,779.05	2,779.05
Ocean Gate Boro	Cape May Avenue	Gravel,BST	.41	" "	1,556.72	-	1,729.69	1,729.69
Pine Beach Boro	Penna.Ave.Sec.2,Lincoln,Monument, Merion & Buhler Sts.	Gravel	.78	" "	3,498.56	-	3,887.29	3,887.29
Plumsted Twp.	Hawkin Road Sec.2	"	.85	" "	2,895.54	-	3,217.30	3,217.30
" "	" " " 3	"	.61	" "	1,554.73	-	1,728.55	1,728.55
Point Pleasant Bo.	Rue Cambone,Rue Rivoli, Beach Blvd. & Various Sts.	Gravel,BST	.93	" "	3,611.65	-	4,012.94	4,012.94
Ship Bottom-Beach Arlington Boro	3rd,9th,5th Sts.Barnegat Ave. & 11th St.	Gravel	.53	" "	2,999.76	-	3,333.07	3,333.07
So.Toms River Boro	Mill Street	"	.42	" "	1,759.82	-	1,987.46	1,987.46
Stafford Twp.	Stafford Ave.	Gravel,BST	.20	" "	945.24	-	1,050.27	1,050.27
Surf City Boro	6th,North 1st,20th&21st Sts.	Gravel	.70	Contract	2,341.28	234.13	2,601.42	2,861.56
		Totals	14.24		$ 69,166.40	947.72	77,662.41	80,334.37
				PASSAIC COUNTY				
Bloomingdale Boro	Elizabeth Street	Bit.Pen.Mac.	.07	Contract	$ 4,000.00	-	6,183.94	6,183.94
Haledon Boro	Mountain Av.& Verein St.	Type A	.14	"	3,105.83	126.00	4,005.43	4,145.43
Hawthorne Boro	5th Avenue	" "	.20	"	7,500.00	-	11,097.43	11,097.43
" "	" " Sec.2	" "	.36	"	4,584.22	-	7,047.33	7,047.33

(continued on sheet 10)

TOWNSHIP & BOROUGH AID ROADS COMPLETED JANUARY 1st, 1941 to DECEMBER 31st, 1941(Continued sheet #10)

Municipality	Name of Road	Type	Mileage	Method of Construction	State's share of Const.	Engr.	Final Cost of Const.without W.P.A. Funds	Total Cost Without W.P.A.Funds
				Passaic County Continued				
Little Falls Twp.	Muller Pl.,Arlington St., Strickland & Taylor Aves.	Bit.Pen.Mac.	.34	Contract	$ 7,060.01	268.68	$ 7,844.45	$ 8,181.45
North Haledon Bo.	Suncrest Av.,Manor Rd.&Walray Av.	Type A	.62	"	9,664.30	558.00	14,413.86	15,033.86
Pompton Lakes Bo.	Colfax Ave. Sec.2	Bit.Pen.Mac.	.45	"	7,921.03	405.00	8,801.14	9,251.14
Prospect Park Bo.	Hopper St.,Fairview&Brown Av.	Type A	.30	C-WPA	6,069.63	274.50	7,208.69	7,513.69
Ringwood Boro	Cupsaw Avenue	Bit.Pen.Mac.	.37	Contract	7,550.00	-	9,314.70	9,680.70
" "	Mohawk Trail Sec.#2	" " "	.27	C-WPA	4,622.16	247.50	5,135.73	5,410.73
" "	Summit Rd. & Mohawk Trail	" " "	.29	"	6,730.51	265.50	7,478.34	7,773.34
Totowa Boro	Garfield Pl.& Redmond St.	" " "	.21	Contract	2,293.17	191.70	2,547.95	2,760.95
" "	Hobart Ave.Sec.2(Storm Sewer)	Storm Dr.	.30	FA-WPA	2,144.19	-	2,382.43	2,382.43
" "	Tracy Ave.&Hobart Ave.Sec.2(Pav.)	Bit.Pen.Mac.	.42	Contract	7,723.42	-	9,760.05	10,177.05
West Milford Twp.	West Brook Road	Bit.Pen.Mac.	.32	"	4,814.69	287.10	5,349.66	5,668.66
" Paterson Bo.	Passaic Ave.& Ryle Park Ave.	Type A	.42	"	4,493.98	378.00	6,950.18	7,370.18
		Totals ..	5.08		$ 90,277.14	3,001.98	115,521.31	119,678.31
				SALEM COUNTY				
Alloway Twp.	Emmel Road	Bit.Surf.Tr.	1.70	Force Acct.	1,567.17	-	1,741.30	1,741.30
" "	Lacey Road	Gravel,BST	2.39	Contract	7,375.03	950.37	8,194.48	9,150.48
" "	Timberman Road	Gravel,Ca.Cl.	1.77	"	4,973.36	636.84	5,525.96	6,233.56
" "	Waterworks Road	Gravel	.75	Force Acct.	2,514.60	-	2,794.00	2,794.00
Elsinboro Twp.	Sinnickson Landing Rd.Sec.2	"	1.26	C-WPA	33,079.36	1,130.39	36,754.48	38,010.48
" "	" " "(SluiceConst)	Drainage		Force Acct.	720.00	-	800.00	800.00
Lower Alloways Crk.Twp.	Poplar Street	Gravel,Ca.Cl.	1.25	Contract	3,697.45	451.80	4,108.28	4,610.28
Lower Penns Neck Tp.	Harvard Road	Gravel	1.05	Force Acct.	4,500.00	-	5,009.20	5,009.20
" " " "	Kansas Road	Gravel,Ca.Cl.	.62	Contract	4,500.00	-	5,903.14	6,493.45
Mannington Twp.	Du Bois Road	Gravel	1.00	Force Acct.	3,599.46	-	3,999.40	3,999.40
" "	" " " Sec.2	"	.76	" "	1,800.00	-	2,007.95	2,007.95
Penns Grove Boro	Maryland Ave.	"	.30	" "	3,000.00	-	3,355.60	3,355.60
" " "	Pearl & Justice Sts.	Bit.Conc.	.13	Contract	2,351.83	115.20	2,730.14	2,858.14
Pilesgrove Twp.	Yorktown-Mannington Rd.	Gravel	1.15	Force Acct.	4,116.11	-	4,573.45	4,573.45
Pittsgrove Twp.	Palatine-Husted Sta.Rd.	Gravel,Ca.Cl.	1.34	Contract	5,235.45	523.55	5,916.77	6,498.49
" "	State Park-Willow Grove Sec.2	Gravel	2.18	C-WPA	4,432.26	784.07	4,053.54	4,924.74
Quinton Twp.	New Bridge Rd.	Gravel,Ca.Cl.	1.77	Contract	6,821.14	682.11	7,579.04	8,336.94
Salem City	Fenwick & Morrison Aves.	Gravel,BST	.40	Force Acct.	1,365.27	-	1,518.01	1,518.01
" "	Pledger Street	" "	.22	" "	1,080.00	-	1,200.39	1,200.39
" "	Wesley St. & 7th St.	Bit.Conc.	.41	Contract	4,705.78	243.14	6,509.80	6,779.95

(continued on sheet 11)

TOWNSHIP & BOROUGH AID ROADS COMPLETED JANUARY 1st, 1941 to DECEMBER 31st, 1941 (Continued sheet #11)

Municipality	Name of Road	Type	Mileage	Method of Construction	State's share of Const.	Engr.	Final Cost of Const. without W.P.A. Funds	Total Cost Without W.P.A. Funds
		Salem County Continued						
Upper Penns Neck Tp.	Arbor Lane, Garden Lane & Manor Ave.	Gravel	.43	Force Acct.	$ 2,358.00	-	$ 2,638.00	$ 2,638.00
" " "	" Maplewood, Pinewood & Oakwood Av.	" BST	.51	" "	4,500.00	-	5,001.28	5,001.28
Upper Pittsgrove Tp.	Chestnut Island Rd. Sec.1	Gravel	1.00	" "	3,528.06	-	3,920.07	3,920.07
" "	" " " " " 2	"	.35	" "	1,170.14	-	1,300.15	1,300.15
Woodstown Boro	Mill St., E. Millbrook Ave. Sec.1 & Ashbrook Ave.	Bit. Conc.	.42	Contract	4,670.67	377.10	5,330.67	5,749.67
		Totals ..	23.16		$117,661.14	5,894.57	132,465.10	139,504.98
		SOMERSET COUNTY						
Bedminster Twp.	Burnt Mills-Pluckemin Rd. Sec.4	Type T	.34	Contract	11,597.42	314.00	12,886.02	14,706.02
Bernards Twp.	Martinsville-Liberty Cor. Sec.5	Type A	.68	"	14,151.93	609.30	15,724.37	19,581.37
Bridgewater Twp.	North Bridge St.	Type T	.37	"	9,857.44	332.39	10,952.71	11,322.03
" "	" " " Sec.2	Type T	.58	"	11,848.54	524.90	13,248.69	13,831.91
Hillsborough Twp.	New Center-Schoolhouse Rd. Sec.3	Type T	.27	"	4,599.78	243.36	5,110.87	5,381.27
Somerville Boro	West Cliff St. Sec.1	Type T	.48	"	12,000.00	-	29,164.41	29,646.41
So. Bound Brook Bo.	Madison St. & Lewis Ave.	Type T	.47	"	11,921.78	423.00	13,299.17	13,769.17
Warren Twp.	Mount Horeb Rd. Sec.1	Type A	.36	"	7,000.00	-	7,851.64	8,212.64
Watchung Boro	Crossway-Valley Rd. Sec.4 (Surface)	Type A	.90	"	11,727.61	218.86	13,030.68	13,273.85
" "	" " " "	Grad. & Drain.	.90	"	14,774.23	225.77	16,415.81	17,072.64
		Totals ...	5.35		$109,478.73	2,891.58	137,684.37	146,797.31
		SUSSEX COUNTY						
Andover Twp.	Springdale-Fredon Rd.	Gravel	.30	Force Acct.	$ 700.00	-	795.47	795.47
Byram Twp.	Amity-Mohawk Sec.3	"	.85	Contract	4,271.37	394.62	4,745.97	5,184.43
" "	Old Stanhope Rd.	"	1.20	"	4,397.08	398.80	4,885.65	5,328.76
Fredon Twp.	Fredon-Springdale Sec.1 (Surf. Tr.)	Bit. Sur. Tr.	.80	Force Acct.	721.49	-	801.65	801.65
Green Twp.	Dark Moon Rd.	Gravel	.20	" "	1,190.71	-	1,323.01	1,323.01
Hamburg Boro	Linwood Ave. & Oak St.	Bit. Pen. Mac.	.26	Contract	10,621.31	230.40	12,711.45	12,967.45
Hampton Twp.	Myrtle Grove-Lake Kemah Sec.2 & Mecca Lake Rd.	Gravel	.72	"	3,997.10	394.51	4,441.22	4,879.57
Hopatcong Boro	Brooklyn-Stanhope Rd. Sec.1 & 2	Bit. Pen. Mac.	.71	"	10,299.11	636.30	11,443.46	12,160.46
Lafayette Twp.	Sunset Inn-Lime Crest Rd.	Gravel	1.14	"	4,820.68	451.93	5,346.31	5,858.45
Sandyston Twp.	Bevans River Rd. Sec.1	"	.50	Force Acct.	4,497.63	-	4,999.37	4,999.37
" "	" " " " 2	"	.30	" "	1,750.82	-	1,955.36	1,955.36
" "	Ridge Road Sec.4	"	.60	" "	2,500.00	-	2,840.39	2,840.39
" "	Ridge Road Sec.5	"	.50	" "	1,659.91	-	1,844.34	1,844.34
" "	Shaytown Cemetery Rd.	"	1.20	" "	4,000.00	-	4,462.30	4,462.30

(Continued on sheet 12)

TOWNSHIP & BOROUGH AID ROADS COMPLETED JANUARY 1st, 1941 to DECEMBER 31st, 1941 (Continued sheet #12)

Municipality	Name of Road	Type	Mileage	Method of Construction	State's share of Const.	Engr.	Final Cost of Const. without W.P.A. Funds	Total Cost Without W.P.A. Funds
		Sussex County Continued						
Sparta Twp.	Lime Crest Rd. Sec.2	Gravel	.57	Contract	$ 4,041.54	404.15	4,490.60	4,939.66
Stillwater Twp.	Hampton-Mt.Benevolence Rd.	"	.81	"	3,706.29	370.63	4,118.10	4,770.01
" "	Ridge Road	"	.75	Force Acct.	3,938.93	-	4,376.59	4,376.59
Vernon Twp.	Moe Tavern Rd.(Surf.Treat.)	Bit.Surf.Tr.	2.00	" "	1,307.88	-	1,453.20	1,453.20
" "	Sand Hill Road	Gravel	.75	" "	4,346.51	-	4,829.46	4,829.46
" "	" " " (Surf.Treat.)	Bit.Surf.Tr.	.80	" "	880.57	-	978.41	978.41
		Totals	14.96		$73,648.93	3,281.34	82,842.31	86,748.34
		UNION COUNTY						
Cranford Twp.	Lincoln Ave. Sec.3	Type A	.26	Contract	6,476.28	-	11,748.21	11,748.21
Hillside Twp.	North Union Ave.	Reinf.Conc.	.31	"	13,500.00	-	15,640.38	15,949.38
" "	Sweetland Ave.	" "	.23	"	9,000.00	-	10,019.23	10,245.23
Roselle Park Bo.	Valley Rd.& Beachwood Ave.	" "	.43	"	14,852.73	387.00	16,509.03	16,939.03
Scotch Plains Twp.	Westfield Ave.	" "	.21	"	11,087.15	187.20	12,319.05	12,527.05
Union Twp.	Vaux Hall Rd. Sec.4	" "	.44	"	22,477.82	22.18	24,975.35	25,411.35
Westfield Town	4th Ave. & So.Chestnut Ave.	Type A	.46	"	16,354.89	-	19,103.75	19,103.75
		Totals ...	2.34		$ 93,748.87	596.38	110,315.00	111,924.00
		WARREN COUNTY						
Blairst'n.&Hardwick Twps.	New Road	Gravel,Ca.Cl.	.89	Contract	14,190.21	699.18	15,766.90	21,393.77
Frelinghuysen Twp.	Dark Moon Road Sec.1 & 2	" " "	1.87	"	11,337.35	775.44	12,597.06	14,508.66
Liberty Twp.	Mountain Lakes-Gr.MeadowsSec.4	" " "	1.74	"	11,995.38	833.37	13,328.20	14,906.42
Mansfield Twp.	Mt.Bethel Road Sec.3	Gravel,BST	.84	"	6,307.57	440.77	7,008.41	7,498.16
Phillipsburg Town	Lock St. & Logan St.	Type A	.92	"	10,950.00	-	12,700.75	12,700.75
Pohatcong Twp.	Alpha-Carpentersv'l.Rd.,Sussex St.,March Blvd.,N.J.& Pa.Av.	Gravel,BST	1.70	Force Acct.	4,000.00	-	4,169.85	4,169.85
" "	Still Valley-War.Glen-Bloomsb'y.	" "	1.40	" "	3,285.61	-	3,651.79	3,651.79
Washington Boro	Broad Street	Reinf.Conc.	.47	Contract	27,022.91	427.50	37,272.60	37,747.60
Washington Twp.	Murderers Bridge Rd.	Gravel,BST	.91	"	6,336.14	386.90	7,040.15	7,470.04
White & Oxford Tps.	Races Corner-Oxford Rd.	Gravel,Ca.Cl.	.96	"	8,695.11	587.68	9,661.79	11,014.77
		Totals ...	11.70		$ 104,120.28	4,150.84	123,197.50	135,061.81
		GRAND TOTALS .	269.97		$2,065,501.96	70,056.95	2,411,986.40	2,520,057.85

* Final Cost does not include Engineering and Right of Way. State's share of Right of Way shown on separate sheet.

LEGEND (Method of Construction) FA-WPA is work performed by force account and C-WPA is work performed by contract with State, Municipal and Federal Funds in cooperation with the Works Progress Administration.

STATE'S SHARE OF RIGHT OF WAY
ON
TWP. & BORO AID ROADS COMPLETED JANUARY 1st,1941 to DECEMBER 31st,1941

County	Municipality	Name of Road	State's Share
Hunterdon	Clinton Twp.	Annandale-High Bridge Road	$ 450.00
Somerset	Bedminster Twp.	Burnt Mills-Pluckemin Rd.Sec.#4	1,332.00
"	Bernards Twp.	Martinsville-Liberty Corner Sec.#5	2,862.00
Sussex	Stillwater Twp.	Hampton-Mt.Benevolence Rd.	207.09
Warren	Blairstown & Hardwick Twps.	New Road	4,365.39
"	Frelinghuysen Twp.	Dark Moon Road Secs. 1 & 2	945.00
"	Liberty Twp.	Mt.Lakes-Great Meadows Rd.Sec.4	587.03
"	White & Oxford Twps.	Races Corner-Oxford Rd.	630.00
		Total ...	$11,378.51

TOWNSHIP & BOROUGH AID ROADS UNDER CONSTRUCTION DECEMBER 31st, 1941

Municipality	Name of Road	Type	Estimated Mileage	Paved Width	Method of Construction	State Funds	State and Municipal Funds	Federal Funds
		ATLANTIC COUNTY						
Hammonton Town	Oak Rd. & 14th Street	Gravel	1.97 Mi.	20'	F.Acct.-WPA	$3,500.00	$ 3,888.88	$21,701.00
		BERGEN COUNTY						
Bendix Boro	Industrial Avenue	Mac.Found.	0.92 Mi.	20'	Contract	7,200.00	8,000.00	
Cliffside Park Bo.	Lafayette Avenue	Bit.Pen.Mac.	0.14 "	20'	"	3,600.00	4,000.00	
Glen Rock Boro	Radburn Road	" " "	0.34 "	20'	F.Acct.-WPA	3,600.00	4,000.00	24,554.00
Oakland Boro	East Oakland Ave.	Gravel	0.70 "	20'	" " "	2,000.00	2,222.22	44,717.00
Saddle River Boro	Fifth Street	Bit.Pen.Mac.	0.53 "	20'	Contract	6,300.00	7,000.00	
Wyckoff Twp.	Grandview Ave.	" " "	0.35 "	20&30'	"	9,500.00	10,555.55	
		BURLINGTON COUNTY						
Bass River Twp.	West Greenbush Road	Gravel	1.41 Mi.	20'	Force Acct.	3,100.00	3,444.44	
Chester Twp.	Woodlawn & Center Aves.	Gravel,Ca.Cl.	1.30 "	20'	Contract	12,700.00	14,111.10	
Fieldsboro Boro	Delaware Ave.	Gravel	0.35 "	20'	"	4,417.58	4,908.48	
Florence Twp.	Knickerbocker Road	Type A	1.30 "	3 to 30'	"	16,750.00	18,611.11	
Hainesport and Lumberton Twps.	New Road	Gravel,BST	2.17 "	20'	Contract-WPA	6,300.00	7,000.00	27,007.00
Tabernacle Twp.	Hedgerhouse Road Sec.#2	" "	0.73 "	20'	Contract	3,500.00	3,888.88	
		CAMDEN COUNTY						
Winslow Twp.	Old Chews Landing Road	Gravel	0.73 Mi.	20'	Force Acct.	6,000.00	6,666.67	
		CAPE MAY COUNTY (None)						
		CUMBERLAND COUNTY						
Deerfield Twp.	Kenyon Ave. Sec.#2	Gravel	1.00 Mi.	20'	Force Acct.	3,330.00	3,700.00	
Downe Twp.	Shaw's Mill Road	"	0.90 "	20'	" "	4,050.00	4,500.00	
		ESSEX COUNTY						
Essex Fells Boro	Rensselaer Rd.Sec.2& Hillbury Rd.	Type HA	0.51 Mi.	25'	Contract	15,000.00	16,666.66	
Montclair Town	Claremont Avenue	Bit.Pen.Mac.	0.94 "	32to40'	F.Acct.-WPA	21,000.00	23,333.33	36,690.00
		GLOUCESTER COUNTY						
Logan Twp.	Beckett Rd. Sec.#1	Gravel	1.10 Mi.	20'	Force Acct.	4,000.00	4,444.44	
" "	" " " #2	"	0.55 "	20'	" "	2,000.00	2,222.22	
Monroe Twp.	Radix Road	"	1.00 "	20'	" "	2,520.00	2,800.00	
Swedesboro Boro	Second St. & Lake Ave.	"	0.34 "	20'	" "	2,700.00	3,000.00	

TOWNSHIP & BOROUGH AID ROADS UNDER CONSTRUCTION DECEMBER 31st, 1941 (continued sheet #2)

Municipality	Name of Road	Type	Estimated Mileage	Paved Width	Method of Construction	State Funds	State and Municipal Funds	Federal Funds
		HUDSON COUNTY						
Kearny Town	Hackensack Ave.& Third St.	Bit.Conc.	0.82 Mi.	20'	Contract	$ 25,000.00	$ 27,777.77	
		HUNTERDON COUNTY (None)						
		MERCER COUNTY						
Princeton Boro	Westcott Rd. & Library Place	Type A	0.63 Mi.	26to29'	Contract	4,500.00	5,000.00	
		MIDDLESEX COUNTY						
Dunellen Boro	Prospect Ave. Sec.#3	Reinf.Conc.	0.30 Mi.	20'	Contract	11,000.00	12,222.21	
		MONMOUTH COUNTY						
Bradley Beach Boro	Bradley Blvd.& Beach Ave.	Gravel,BST	1.04 Mi.	20'	Contract	2,500.00	2,777.77	
Middletown Twp.	Atlantic Ave.(E.Keansburg)	Gravel,Ca.Cl.	1.55 "	20'	Force Acct.	6,000.00	6,666.67	
Neptune City Boro	Hawthorne,Avondale & Various Sts.	Gravel,BST	2.05 Mi.	20'	Contract	6,000.00	6,666.66	
Wall Twp.	Manasquan River Br.-Glendola Rd.	" "	1.01 "	20'	"	4,500.00	5,000.00	
		MORRIS COUNTY						
Rockaway Boro	Franklin Avenue	Type A	0.45 Mi.	20'	Contract	9,000.00	10,000.00	
		OCEAN COUNTY						
Berkeley Twp.	Beach Ave. & Bar Harbor Ave.	Gravel	0.50 Mi.	20'	Force Acct.	2,385.00	2,650.00	
Brick Twp.	Altier Ave.,Harris St.& Central Ave.	"	0.36 "	20'	" "	1,687.65	1,875.16	
Dover Twp.	Lillie Rd. & Bash Rd.	"	0.65 "	20'	" "	2,727.00	3,030.00	
Jackson Twp.	Third Street	"	0.66 "	20'	" "	3,500.00	3,888.88	
Little Egg Harbor Twp.	Gail Road Sec.#2	"	0.34 "	20'	" "	2,037.50	2,263.89	
" " "	" Stafford Forge Rd.Sec.#3	"	0.56 "	20'	" "	2,686.50	2,985.00	
Long Beach Twp.	Beach Ave. Sec.#2	"	0.57 "	20'	" "	4,000.00	4,444.44	
Manchester Twp.	Schoolhouse Road Sec.#2	"	0.80 "	20'	" "	3,000.00	3,333.33	
Pine Beach Boro	Washington Ave. & Avon Ave.	"	0.55 "	20'	" "	3,000.00	3,333.33	
Point Pleasant Bo.	Ellison Ave.	"	0.13 "	20'	" "	830.25	922.50	
" " "	Passaic,Front,Estell & Layton Aves.	"	0.62 "	20'	" "	2,169.75	2,410.83	
Point Pleas.Bch.Bo.	Chicago Ave. & Princeton Ave.	"	0.42 "	20'	" "	3,000.00	3,333.33	
Union Twp.	Howardsville Road Sec.#3	"	0.81 "	20'	" "	4,000.00	4,444.44	

TOWNSHIP & BOROUGH AID ROADS UNDER CONSTRUCTION DECEMBER 31st, 1941 (Continued sheet #3)

Municipality	Name of Road	Type	Estimated Mileage	Paved Width	Method of Construction	State Funds	State and Municipal Funds	Federal Funds
		PASSAIC COUNTY						
No.Haledon Boro	Linda Vista Ave.	Bit.Pen.Mac.	0.39 Mi.	20&30'	Contract	$ 9,123.17	$ 10,136.85	
Wayne Twp.	Indian Road Sec.#4	" " "	0.44 "	20to30'	"	10,905.68	12,117.41	
West Milford Twp.	West Brook Road Sec.#2	" " "	0.34 "	20'	"	8,500.00	9,444.44	
		SALEM COUNTY (None)						
		SOMERSET COUNTY (None)						
		SUSSEX COUNTY						
Green Twp.	Shotwell Road	Gravel	0.30 Mi.	18'	Force Acct.	2,500.00	2,777.77	
Hardyston Twp.	Big Spring Road	"	0.89 "	18'	Contract	6,500.00	7,222.22	
Hopatcong Boro	Brooklyn-Stanhope Sec.#3	Bit.Pen.Mac.	0.55 "	18'	"	10,000.00	11,111.11	
Newton Town	Trinity Street	" " "	0.29 "	30'	"	10,000.00	11,111.11	
Vernon Twp.	Highland Lakes-Canisteer Rd.	Gravel	0.85 "	18'	Force Acct.	4,000.00	4,444.44	
Walpack Twp.	River Road Secs.3 & 4	"	1.88 "	18'	Contract	23,900.00	26,555.54	
Wantage Twp.	Mt.Salem-Unionville Rd.Sec.1&2	"	1.13 "	18'	"	16,000.00	17,777.77	
" "	Quarryville-Wolfpit Road	"	1.13 "	18'	"	8,500.00	9,444.44	
		UNION COUNTY (None)						
		WARREN COUNTY						
Oxford Twp.	Races' Corner-Oxford Rd.Sec.#2	Gravel,BST	0.82 Mi.	20'	Contract	11,666.62	12,962.90	
		GRAND TOTALS	43.11			$ 368,186.70	$ 409,096.19	$ 154,669.00

TOWNSHIP & BOROUGH AID APPLICATIONS APPROVED BUT WORK NOT STARTED DECEMBER 31st, 1941

Municipality	Name of Road	Type	Estimated Mileage	Paved Width	Method of Construction	State Funds	State and Municipal Funds	Federal Funds
			ATLANTIC COUNTY					
Buena Vista Twp.	Flower Street Drainage	Storm Drain	0.46 Mi.		Force Acct.	$ 7,156.12	$ 7,951.24	
Egg Harbor City	Arago Street	Bit.Conc.	0.19 "	20'	Contract	2,700.00	3,000.00	
Hammonton Town	15th St. & 2nd Road	Gravel	1.95 "	20'	"	5,000.00	5,555.55	
Mullica Twp.	Elwood-Weekstown Rd.Sec.#2	"	3.97 "	20'	F.Acct.-WPA	4,900.00	5,444.43	$44,632.00
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
			BERGEN COUNTY					
Hohokus Twp.	Miller Road	Bit.Pen.Mac.	0.35 Mi.	20'	Contract	4,500.00	5,000.00	
Little Ferry Boro	Franklin Street	" " "	0.29 "	20'	Contract-WPA	3,000.00	3,333.33	6,971.00
Maywood Boro	Spring Valley Road Sec.#2	Sheet Asph.	0.57 "	20'	Contract	6,300.00	7,000.00	
Moonachie Boro	Henry Street	Bit.Pen.Mac.	0.26 "	18'	"	2,700.00	3,000.00	
Oakland Boro	West Oakland Avenue	" " "	1.14 "	20'	"	6,300.00	7,000.00	
Ridgefield Boro	Elm Ave.Sec.2,N.Y.St.&Ray Ave.	" " "	0.48 "	30'	"	9,000.00	10,000.00	
So.Hackensack Twp.	Chestnut Ave.Sec.#2	" " "	0.54 "	20'	"	8,100.00	9,000.00	
Tenafly Boro	Front Street Sec.#2	" " "	0.17 "	20'	"	2,700.00	3,000.00	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
			BURLINGTON COUNTY					
Beverly City	Bridge,Parker & Oak Sts.	Gravel,BST	0.35 Mi.	20'	Contract	1,800.00	2,000.00	
Bordentown City	West Street	Reinf.Conc.	0.15 "	24'	"	5,000.00	5,555.55	
Chesterfield Twp.	Old York Road Sec.#1	Gravel,BST	1.43 "	20'	"	3,600.00	4,000.00	
" "	Old York Road Sec.1A & 3	" "	1.90 "	20'	"	3,500.00	3,888.88	
Cinnaminson Twp.	Lenola Road	Gravel	1.15 "	20'	"	3,500.00	3,888.88	
Delran Twp.	Alden Ave.,Frederick & Rowland	Gravel,Ca.Cl.	0.58 "	20'	"	4,000.00	4,444.44	
Evesham Twp.	Evesboro-Medford Rd. Sec.2	Gravel,BST	2.30 "	20'	"	10,000.00	11,111.11	
Hainesport Twp.	Various Streets	Gravel	1.15 "	20'	"	3,600.00	4,000.00	
Mansfield Twp.	Old York Road Sec.#2	Gravel,BST	2.20 "	20'	"	9,247.58	10,275.08	
Medford Twp.	Masonville Road	" "	1.50 "	20'	"	2,700.00	3,000.00	
New Hanover Twp.	New Jersey,Front&Pennsylvania Av.	Bit.P.Mac.	0.50 "	20'	"	1,050.00	1,166.66	
Pemberton Twp.	Birmingham-No.Pemberton Sec.3	Gravel	0.63 "	20'	"	3,600.00	4,000.00	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
			CAMDEN COUNTY					
Audubon Boro	Wyoming Avenue	Bit.Conc.	0.90 Mi.	30-34'	Contract	10,000.00	11,111.11	
Barrington Boro	Wood Avenue	Gravel,Ca.Cl.	0.64 "	20'	"	3,540.00	3,933.33	

(continued on sheet 2)

TOWNSHIP & BOROUGH AID APPLICATIONS APPROVED BUT WORK NOT STARTED DECEMBER 31st, 1941 (continued sheet #2)

Municipality	Name of Road	Type	Estimated Mileage	Paved Width	Method of Construction	State Funds	State and Municipal Funds	Federal Funds
		Camden County, continued						
Collingswood Boro	City Line Ave. & 2nd St.	Reinf.Conc.	0.04 Mi.	20'	Contract	$ 7,280.00	$ 8,088.88	
Gloucester City	King Street	" "	0.24 "	20-23'	"	6,750.00	7,500.00	
Laurel Springs Bo.	East Atlantic Ave. Sec.#1	Bit.Pen.Mac.	0.55 "	20-23'	"	10,005.47	11,117.19	
Mt.Ephraim Boro	Centre & 6th Aves.	" " "	0.31 "	20'	"	6,460.00	7,177.77	
Oaklyn Boro	Sylvan Ave.(Kendal Blvd.)	Reinf.Conc.	0.08 "	20'	"	4,000.00	4,444.44	
Pennsauken Twp.	Union Avenue	Bit.Pen.Mac.	0.79 "	20'	"	15,590.00	17,322.22	
Waterford Twp.	Tremont Avenue	Gravel,BST	1.20 "	20'	"	3,000.00	3,333.33	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
		CAPE MAY COUNTY						
Wildwood Crest Bo.	Crocus Rd.&Forgetmenot Rd.	Bit.Conc.	0.38 Mi.	27'	Contract	2,000.00	2,222.22	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
		CUMBERLAND COUNTY						
Stow Creek Twp.	Seventh Day Mill Rd.	Gravel	1.10 Mi.	20'	Force Acct.	2,250.00	2,500.00	
Upper Deerfield Tp.	Boyd Fox Rd. Sec.#2	"	0.64 "	20'	Contract	3,400.00	3,777.77	
Vineland Boro	Peach Street	Bit.Conc.	1.00 "	26'	"	9,000.00	10,000.00	
" "	Plum Street	" "	1.00 "	28'	"	10,000.00	11,111.11	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
		ESSEX COUNTY						
Belleville Town	Greylock Parkway	Reinf.Conc.	0.29 Mi.	20'	Contract	9,000.00	10,000.00	
Caldwell Boro	Prospect Street	Bit.Pen.Mac.	0.45 "	20-30'	"	9,000.00	10,000.00	
Cedar Grove Twp.	Sherman Avenue	" " "	0.42 "	30'	"	3,950.73	4,389.70	
Livingston Twp.	Sycamore Avenue	" " "	0.80 "	24'	"	9,000.00	10,000.00	
Maplewood Twp.	Burnett Ave. Widening Sec.2	Reinf.Conc.	0.19 "	20'	"	10,948.21	12,164.68	
" "	Valley Street	" "	0.08 "	22'	"	5,000.00	5,555.56	
Millburn Twp.	Hobart Avenue	Type A or T	0.80 "	30'	"	17,872.41	19,858.23	
No.Caldwell Boro	Grandview Place	Bit.Conc.	0.13 "	30'	"	4,500.00	5,000.00	
Nutley Town	Doerg Avenue	Bit.Pen.Mac.	0.23 "	30'	Force Acct.	1,800.00	2,000.00	
West Caldwell Boro	Woodrow Place & Park Ave.	Type A	0.28 "	30'	Contract	15,000.00	16,666.66	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	

TOWNSHIP & BOROUGH AID APPLICATIONS APPROVED BUT WORK NOT STARTED DECEMBER 31st, 1941 (continued sheet #3)

Municipality	Name of Road	Type	Estimated Mileage	Paved Width	Method of Construction	State Funds	State and Municipal Funds	Federal Funds
			GLOUCESTER COUNTY					
Elk Twp.	Glassboro-Ferrell Rd.	Gravel	0.25 Mi.	20'	Force Acct.	$ 1,000.00	$ 1,111.11	
So.Harrison Twp.	Richwood-Harrisonville Sec.2&3	"	1.30 "	20'	" "	4,500.00	5,000.00	
Washington Twp.	Salina Road Sec.#1	"	1.30 "	20'	" "	4,320.00	4,800.00	
" "	Salina Rd. & Salina-Cross Keys Rd.	"	1.54 "	20'	Contract	3,030.00	3,366.66	
West Deptford Tp.	Center Street	"	0.45 "	20'	Force Acct.	2,000.00	2,222.22	
Woodbury City	Railroad Avenue	Bit.Conc.	0.31 "	30'	Contract	11,077.68	12,308.53	
" "	Tatum Street	Bit.Pen.Mac.	.09 "	26'	"	1,690.00	1,877.77	
Woodbury Hgts.Bo.	W.Jersey Sec.2,Park& Maple Aves.	Gravel	0.26 "	20'	"	675.00	750.00	
Woolwich Twp.	High Street	"	0.40 "	20'	Force Acct.	1,440.00	1,600.00	
Dedicated 1942 Funds, not yet allotted to individual projects						125,000.00	138,888.88	
			HUDSON COUNTY					
North Bergen Twp.	Dell Avenue	Reinf.Conc.	0.44 Mi.	30'	Contract	10,000.00	11,111.11	
Dedicated 1942 Funds, not yet allotted to individual projects						125,000.00	138,888.88	
			HUNTERDON COUNTY					
Bloomsbury Boro	High Street,Valley & Gardner St.	A or T	1.23 Mi.	18-20'	Contract	2,000.00	2,222.22	
Frenchtown Boro	Ridge Road	Type A	0.33 "	18'	"	6,918.12	7,686.79	
Kingwood Twp.	Kingwood-Byram Sec.5&6	Bit.Pen.Mac.	2.50 "	18'	"	20,500.00	22.777.77	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
			MERCER COUNTY					
East Windsor Twp.	Cranbury Crossroad	Gravel,BST	1.00 Mi.	20'	Contract	3,000.00	3,333.33	
Ewing Twp.	7th Street	Mac.Found.	0.29 "	20'	Force Acct.	8,100.00	9,000.00	
Hamilton Twp.	Klockner Road	Bit.Pen.Mac.	1.00 "	20'	Contract	8,100.00	9,000.00	
Hopewell Boro	Model Ave. Sec.#3	Type AorT	0.09 "	26'	"	4,500.00	5,000.00	
Lawrence Twp.	Princeton Turnpike Sec.#4	Bit.Pen.Mac.	0.34 "	20'	"	8,100.00	9,000.00	
Washington Twp.	Robbinsville Sharon Sec.8	" " "	0.39 "	18'	"	9,000.00	10,000.00	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
			MIDDLESEX COUNTY					
Carteret Boro	Hudson,Chrome,Cooke&Pershing Av.	Bit.Conc.	1.19 Mi.	30-36'	Contract	5,000.00	5,555.55	
Cranbury Twp.	Cranbury Sta.-Wyckoffs Mill Rd.	Gravel,BST	1.00 "	20'	"	2,250.00	2,500.00	
E.Brunswick Twp.	Dutch Road	Type A or T	2.00 "	20'	"	8,000.00	8,888.88	
Monroe Twp.	Cranbury Sta.-Wyckoffs Mill Rd.	Gravel,BST	1.00 "	20'	"	2,250.00	2,500.00	

(continued on sheet 4)

TOWNSHIP & BOROUGH AID APPLICATIONS APPROVED BUT WORK NOT STARTED DECEMBER 31st, 1941 (continued sheet #4)

[redacted]ipality	Name of Road	Type	Estimated Mileage	Paved Width	Method of Construction	State Funds	State and Municipal Funds	Federal Funds
		Middlesex County continued						
Raritan Twp.	New Dover Road Sec.#1	Type A or T	0.75 Mi.	20'	Contract	$ 4,500.00	$ 5,000.00	
Sayreville Boro	Deerfield Road	" " " "	0.75 "	20'	"	12,400.00	13,777.77	
" "	Deerfield Road Sec.#2	" " " "	0.38 "	20'	"	6,600.00	7,333.33	
So.Brunswick Twp.	Cottageville-Fresh Pond Sec.4	" " " "	1.00 "	20'	"	8,200.00	9,111.11	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
		MONMOUTH COUNTY						
Atlantic Twp.	Montrose Road (B.S.T.)	Bit.Su.Tr.	1.79 Mi.	20-26'	Contract	1,644.12	1,826.80	
Avon-by-the-Sea Bo.	Third Avenue	Gravel	0.35 "	20'	"	368.00	408.89	
Belmar Boro	Eighth Street Sec.#2	Gravel,BST	0.59 "	20'	"	5,000.00	5,555.55	
Brielle Boro	Ashley Ave.Sec.2&Rankin Rd.Sec.2	Gravel	0.42 "	30-33'	"	2,000.00	2,222.22	
Freehold Twp.	W.Freehold-Georgia Schoolhouse Sec.3	"	0.50 "	20'	Force Acct.	1,500.00	1,666.66	
Interlaken Boro	Windermere Ave.	Gravel,BST	0.64 "	20'	Contract	2,000.00	2,222.22	
Spring Lake Boro	Newark,Tuttle & Monroe Aves.	Bit.Sur.Tr.	1.15 "	20'	"	2,000.00	2,222.22	
Dedicated 1942 funds, not yet allotted to individual projects						75,000.00	83,333.33	
		MORRIS COUNTY						
Morris Plains Boro	Malapardis Road	Type A or T	0.41 Mi.	30'	Contract	6,000.00	6,666.66	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
		OCEAN COUNTY						
Beachwood Boro	Capstan Avenue	Gravel	0.57 Mi.	20'	Force Acct.	2,000.00	2,222.22	
Berkeley Twp.	Louis Ave. Sec.#3	"	0.80 "	20'	Contract	1,071.00	1,190.00	
Berkeley Twp.	9th Ave. & Main St.(Holly Park)	"	0.30 "	20'	Force Acct.	1,044.00	1,160.00	
Eagleswood Twp.	Homestead Avenue	"	0.23 "	20'	" "	1,200.00	1,333.33	
Harvey Cedars Boro	Middlesex Avenue	"	0.08 "	20'	Contract	1,500.00	1,666.66	
Lacey Twp.	Parker Ave.,Thropp Ave., Lanoka-Lacey Rd.	"	0.60 "	20'	Force Acct.	3,000.00	3,333.33	
Ocean Gate Boro	Lakewood Avenue	Gravel,BST	0.50 "	20'	Contract	3,000.00	3,333.33	
Plumsted Twp.	Nash Rd.,Terrace Ave. & Ice Plant Road	Gravel	0.80 "	20'	Force Acct.	3,500.00	3,888.88	
Pt.Pleasant Bch.Bo.	Chicago Ave. Sec.#2	"	0.21 "	20'	" "	2,500.00	2,777.77	
Seaside Hgts.Boro	Extension West Central Ave.	"	0.13 "	20'	" "	800.00	888.88	
Ship Bot.-Bch.Arlington Boro	11th Street	"	1.11 "	20'	Contract	3,000.00	3,333.33	
Tuckerton Boro	Cox & Pharo Aves.	"	1.17 "	20'	"	1,000.00	1,111.11	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	

TOWNSHIP & BOROUGH AID APPLICATIONS APPROVED BUT WORK NOT STARTED DECEMBER 31st, 1941 (continued sheet #5)

Municipality	Name of Road	Type	Estimated Mileage	Paved Width	Method of Construction	State Funds	State and Municipal Funds	Federal Funds
			PASSAIC COUNTY					
Prospect Park Bo.	Brown Ave. Sec.#2	Sheet Asph.	0.25 Mi.	36'	Contract	$ 8,000.00	$ 8,888.88	
Totowa Boro	McKenny,Bogert,Lincoln &Young	Av. Type A	0.46 "	20-30'	"	8,000.00	8,888.88	
Wayne Twp.	Hardwick Lane	Bit.Pen.Mac.	0.26 "	20'	"	6,500.00	7,222.22	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
			SALEM COUNTY					
Elmer Boro	Barton Ave. & Penn St.	Gravel	0.30 Mi.	20'	Force Acct.	2,000.00	2,222.22	
Penns Grove Boro	South Smith Avenue	Bit.Conc.	0.30 "	20'	Contract	1,250.00	1,388.88	
Pittsgrove Twp.	Elmer-Greenville Rd.	Gravel,Ca.Cl.	1.55 "	20'	"	4,500.00	5,000.00	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
			SOMERSET COUNTY					
Bernards Twp.	Martinsville-Liberty Cor.Sec.6	Type AorT	0.48 Mi.	20'	Contract	8,000.00	8,888.88	
Franklin Twp.	Cedar Grove Lane Sec.1	" "	0.26 "	20'	"	7,000.00	7,777.77	
Green Brook Twp.	Gold Street	Type T	0.20 "	20'	"	4,000.00	4,444.44	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
			SUSSEX COUNTY					
Branchville Boro	Kemah Lake Road	Bit.Sur.Tr.	0.12 Mi.	20'	Contract	3,000.00	3,333.33	
Byram Twp.	Old Stanhope Road Sec.2	Gravel	1.00 "	18'	"	5,000.00	5,555.55	
Frankford Twp.	County Farm Road Sec.#2	"	1.80 "	18'	"	7,000.00	7,777.77	
" "	Plains Road Secs. 2 & 3	"	2.92 "	18'	"	16,000.00	17,777.77	
Franklin Boro	Davis Road	"	2.75 "	18'	"	8,000.00	8,888.88	
Fredon Twp.	Fredon-Springdale Rd. Sec.#3	"	1.50 "	18'	"	6,300.00	7,000.00	
Green Twp.	Huntsville-Springdale Rd.	"	1.50 "	18'	"	5,000.00	5,555.55	
" "	Shotwell Road Sec.#2	"	0.15 "	18'	Force Acct.	1,309.29	1,454.77	
Hampton Twp.	Paulinskill Lake-West Shore Rd.	"	1.00 "	18'	Contract	5,000.00	5,555.56	
Lafayette Twp.	Statesville Quarry Rd.	"	1.50 "	18'	"	4,000.00	4,444.44	
Montague Twp.	New Road Sec.#4	"	1.00 "	18'	"	5,000.00	5,555.55	
Sparta Twp.	Old Stanhope Road Sec.1 & 2	"	2.46 "	18'	"	12,500.00	13,888.88	
Sussex Boro	Lake Shore Drive	Gravel,BST	0.30 "	20'	Force Acct.	3,000.00	3,333.33	
Walpack Twp.	River Road Sec.#5	Gravel	1.80 "	18'	Contract	6,100.00	6,777.77	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	

TOWNSHIP & BOROUGH AID APPLICATIONS APPROVED BUT WORK NOT STARTED DECEMBER 31st, 1941 (continued sheet #6)

Municipality	Name of Road	Type	Estimated Mileage	Paved Width	Method of Construction	State Funds	State and Municipal Funds	Federal Funds
			UNION COUNTY					
Mountainside Boro	New Providence Road	Bit.Pen.Mac.	0.75 Mi.	20'	Contract	$ 2,500.00	$ 2,777.77	
New Providence Boro	Elkwood Avenue	Type A or T	1.05 "	20'	"	18,000.00	20,000.00	
Roselle Park Boro	Colfax Avenue	Reinf.Conc.	0.41 "	20-30'	"	11,000.00	12,222.22	
Scotch Plains Twp.	Westfield Ave.Sec.#2	" "	0.53 "	30'	"	14,400.00	16,000.00	
Union Twp.	Oakland Avenue	" "	0.19 "	20'	"	7,200.00	8,000.00	
" "	Vaux Hall Road Sec.#5	" "	0.20 "	20-30'	"	16,300.00	18,111.11	
Westfield Town	East Broad Street	Type A or T	0.29 "	30'	"	8,100.00	9,000.00	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
			WARREN COUNTY					
Hardwick Twp.	Sunset Lake Road	Gravel	1.00 Mi.	20'	Contract	3,600.00	4,000.00	
Knowlton Twp.	Walnut Cor.-Blairstown Line	"	2.25 "	20'	"	9,000.00	10,000.00	
Dedicated 1942 Funds, not yet allotted to individual projects						75,000.00	83,333.33	
Totals (not including 1942 Dedicated Funds)			101.21			$ 723,137.73	$ 803,485.98	$51,603.00
Totals of Dedicated 1942 Funds						1,675,000.00	1,861,111.03	-
GRAND TOTALS			101.21			$2,398,137.73	2,664,597.01	$51,603.00

County	Total Amount of Schedule	TOWNSHIP & BOROUGH AID MAINTENANCE State's Share from 1941 Funds	State's Share from previous years funds	Total State Share Obligated
Atlantic	$ 27,777.78	$ 25,000.00	-	$ 25,000.00
Bergen	28,318.33	25,000.00	$ 486.50	25,486.50
Burlington	29,167.00	25,000.00	1,250.30	26,250.30
Camden	27,777.77	25,000.00	-	25,000.00
Cape May	27,777.78	25,000.00	-	25,000.00
Cumberland	3,150.00	2,835.00	-	2,835.00
Essex	-	-	-	-
Gloucester	31,411.54	25,000.00	2,852.90	27,852.90
Hudson	-	-	-	-
Hunterdon	30,094.37	25,000.00	2,084.94	27,084.94
Mercer	27,777.77	25,000.00	-	25,000.00
Middlesex	25,277.77	22,750.00	-	22,750.00
Monmouth	29,466.66	25,000.00	1,519.99	26,519.99
Morris	27,777.77	25,000.00	-	25,000.00
Ocean	28,997.65	25,000.00	1,097.88	26,097.88
Passaic	30,566.93	25,000.00	2,510.24	27,510.24
Salem	29,388.81	25,000.00	1,449.93	26,449.93
Somerset	33,295.00	25,000.00	4,965.50	29,965.50
Sussex	27,777.78	25,000.00	-	25,000.00
Union	32,553.80	25,000.00	4,298.42	29,298.42
Warren	25,300.77	22,770.70	-	22,770.70
Totals ..	$523,655.28	$ 448,355.70	$ 22,516.60	$ 470,872.30

RECAPITULATION (Sheet #1)

MOTOR VEHICLE AID PLANS APPROVED, CONTRACTS AWARDED OR PRICE AGREEMENTS APPROVED JAN. 1st, 1941 to DEC. 31st, 1941

Type	Mileage	State's Allotment	Contract Amount, Final Cost or Estimated Cost	W.P.A. Cost Only
Bridges	-	$ 94,377.47	$ 158,007.16	$ 542,330.00
Sheet Asphalt	-	17,740.00	16,958.94	-
Various Repairs	-	556,485.32	327,598.00	361,855.00
Gravel	3.85	19,000.00	18,366.79	-
Type A or T	1.08	12,615.13	32,205.88	-
Bituminous Concrete	1.88	12,728.50	22,315.48	-
Reinforced Concrete	.58	42,000.00	46,522.00	-
Bit.Surf.Tr.Mixed in place	.69	15,786.42	15,786.42	-
Bituminous Penet.Macadam	1.94	15,888.82	15,888.82	-
Grand Totals ..	10.02	$786,621.66	$ 653,649.49	$904,185.00

TOWNSHIP & BOROUGH AID ROADS COMPLETED JANUARY 1st, 1941 to DECEMBER 31st, 1941

Type	Mileage	State's Share of Construction	Engineering	Right of Way	Final Cost of Const.without W.P.A.Funds	Total Cost Without WPA Funds	*Total Cost W.P.A. Projects only
Gravel	110.50	$386,208.84	$ 12,314.05	207.09	$ 432,673.61	$ 448,893.56	$ 294,963.70
Gravel, Bit.Surf.Treated	41.54	146,155.65	5,452.53	-	173,599.73	181,698.04	191,883.44
Bituminous Surface Treat.	28.32	32,719.68	507.60	-	38,826.19	39,390.19	44,581.52
Gravel,Calcium Chloride	14.62	83,400.85	5,981.33	6,527.42	93,670.92	108,336.58	-
Bituminous Penet.Macadam	22.87	384,552.42	12,857.72	450.00	444,101.78	462,684.77	153,927.82
Bituminous Concrete	19.63	278,630.02	3,337.42	-	329,839.65	333,841.30	62,316.04
Type A or T	20.54	312,359.44	8,823.66	4,194.00	391,097.07	407,017.20	16,813.49
Reinforced Concrete	4.01	286,587.25	12,204.69	-	335,231.85	353,897.16	135,352.60
Tar Soil Stabilization	1.04	4,200.00	-	-	4,933.23	4,933.23	-
Macadam Foundation	.42	4,894.25	379.26	-	5,438.05	5,859.45	-
Sheet Asphalt	1.31	93,081.89	7,651.08	-	103,465.32	111,966.52	137,021.35
Storm Drain	1.75	9,561.66	-	-	10,299.53	11,715.95	34,474.80
Grading & Drainage	3.42	38,031.99	547.61	-	43,057.77	44,072.20	-
Drainage	-	5,118.02	-	-	5,751.70	5,751.70	-
Grand Total	269.97	$2,065,501.96	70,056.95	11,378.51	2,411,986.40	2,520,057.85	1,071,334.76

* See tabulation Twp.& Boro Aid Roads Completed for projects constructed with W.P.A. on which $673,432.12 Federal Funds were expended.

RECAPITULATION (Sheet #2)

TOWNSHIP & BOROUGH AID ROADS UNDER CONSTRUCTION DECEMBER 31st, 1941

Type	Estimated Mileage	State's Share	State and Municipal Share	Federal Share
Gravel	23.20	$ 134,041.23	$ 148,934.66	$ 66,418.00
Gravel, Bit.Surf.Treated	7.82	34,466.62	38,296.21	27,007.00
Gravel, Calcium Chloride	2.85	18,700.00	20,777.77	-
Reinforced Concrete	.30	11,000.00	12,222.21	-
Bituminous Penetration Macadam	4.31	92,528.85	102,809.80	61,244.00
Type A or T	2.89	45,250.00	50,277.77	-
Bituminous Concrete	.82	25,000.00	27,777.77	-
Macadam Foundation	.92	7,200.00	8,000.00	-
Grand Totals	43.11	$ 368,186.70	$ 409,096.19	$ 154,669.00

TOWNSHIP & BOROUGH AID APPLICATIONS APPROVED BUT WORK NOT STARTED DECEMBER 31st, 1941 (and dedicated 1941 funds not yet allotted to individual projects).

Type	Estimated Mileage	State's Share	State and Municipal Share	Federal Share
Gravel	46.29	$ 163,507.29	$ 181,674.61	$ 44,632.00
Gravel, Bit.Surf.Treated	15.91	54,347.58	60,386.16	-
Gravel, Calcium Chloride	2.77	12,040.00	13,377.77	-
Bituminous Surface Treatment	3.06	6,644.12	7,382.35	-
Reinforced Concrete	2.84	106,878.21	118,753.55	-
Bituminous Penetration Macadam	12.61	149,546.20	166,162.40	6,971.00
Type A or T	10.76	145,090.53	161,211.62	-
Bituminous Concrete	5.40	55,527.68	61,697.40	-
Sheet Asphalt	.82	14,300.00	15,888.88	-
Macadam Foundation	.29	8,100.00	9,000.00	-
Storm Drain	.46	7,156.12	7,951.24	-
Sub-totals	101.21	$ 723,137.73	$ 803,485.98	$ 51,603.00
Dedicated 1942 Funds not yet allotted to individual projects	-	1,675,000.00	1,861,111.03	
Grand Totals ..	101.21	$ 2,398,137.73	$2,664,597.01	$ 51,603.00

TOWNSHIP & BOROUGH AID APPLICATIONS SUBMITTED FOR 1942 FUNDS

County	Number of Applications	Mileage	Estimated Cost	State's Share Requested	Dirt Road Fund Requested	State's Share Available
Atlantic	25	47.11	$ 188,643.19	$ 169,778.87	$ 50,000.00	$ 125,000.00
Bergen	46	18.60	497,460.37	447,714.33	50,000.00	125,000.00
Burlington	49	68.80	354,225.78	318,803.20	50,000.00	125,000.00
Camden	38	34.57	286,466.67	257,820.00	50,000.00	125,000.00
Cape May	14	15.39	167,490.44	150,741.40	50,000.00	125,000.00
Cumberland	20	18.82	126,855.56	114,170.00	50,000.00	125,000.00
Essex	16	12.17	483,553.33	435,198.00	50,000.00	125,000.00
Gloucester	54	73.68	384,348.16	345,913.34	-	125,000.00
Hudson	23	8.74	714,611.11	643,150.00	-	125,000.00
Hunterdon	25	40.13	793,777.78	714,400.00	50,000.00	125,000.00
Mercer	16	13.65	331,522.22	298,370.00	50,000.00	125,000.00
Middlesex	19	19.93	222,411.11	200,170.00	50,000.00	125,000.00
Monmouth	38	54.14	275,352.67	247,817.40	50,000.00	125,000.00
Morris	29	18.93	405,297.33	364,767.60	50,000.00	125,000.00
Ocean	32	27.49	149,750.00	134,775.00	50,000.00	125,000.00
Passaic	32	12.66	291,892.22	262,703.00	50,000.00	125,000.00
Salem	31	28.61	247,945.56	223,151.00	50,000.00	125,000.00
Somerset	22	17.88	395,543.33	355,989.00	50,000.00	125,000.00
Sussex	31	38.47	296,333.33	266,700.00	50,000.00	125,000.00
Union	9	4.61	209,500.00	188,550.00	50,000.00	125,000.00
Warren	16	24.95	255,200.00	229,680.00	50,000.00	125,000.00
Totals	585	599.33	$ 7,078,180.16	$6,370,362.14	$950,000.00	$2,625,000.00

ANNUAL REPORT

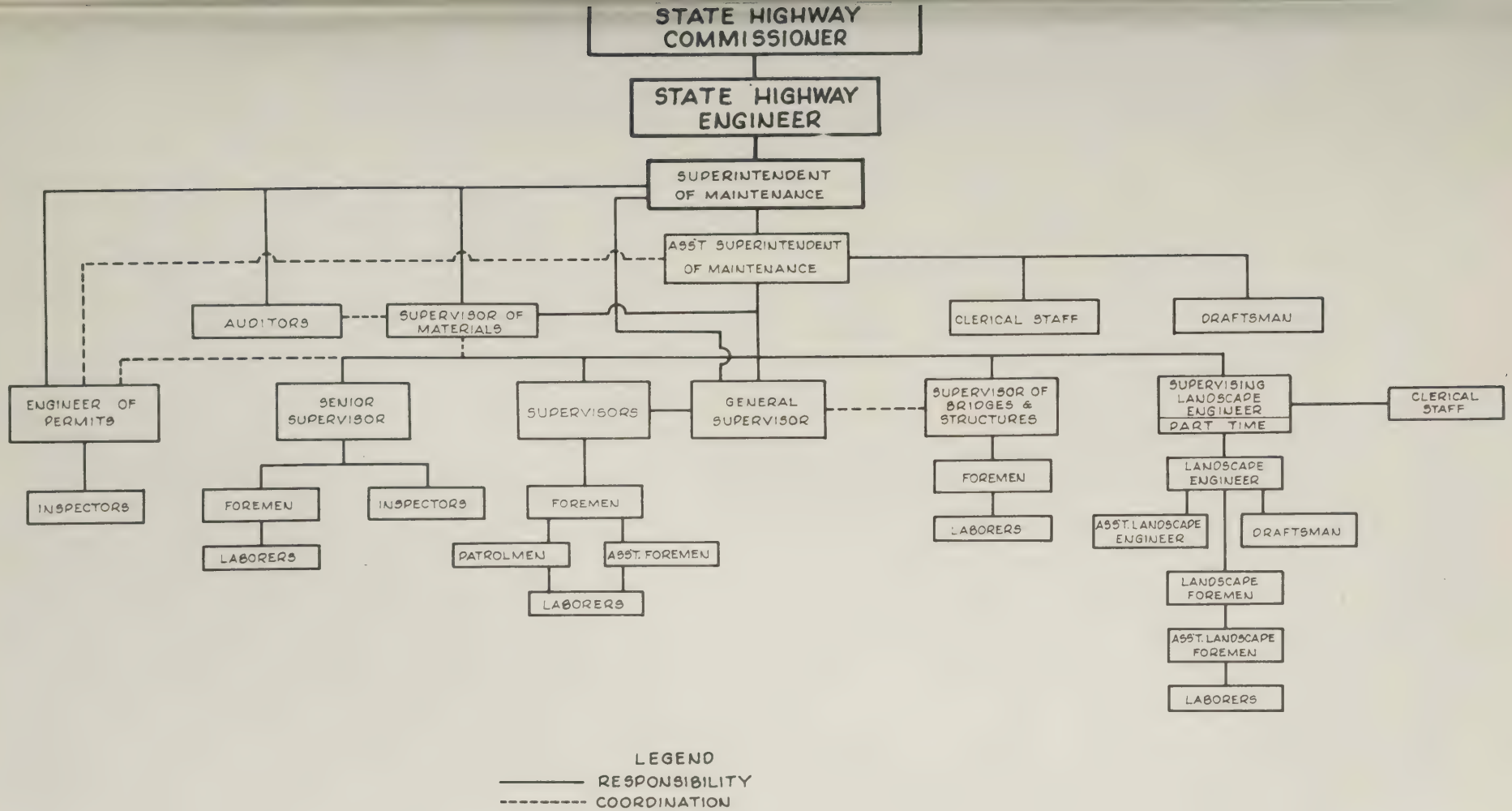
OF THE

MAINTENANCE DIVISION

NEW JERSEY STATE HIGHWAY DEPARTMENT

FOR THE YEAR

1941



NEW JERSEY STATE HIGHWAY DEPT.

MAINTENANCE DIVISION ORGANIZATION

1941

STATE OF NEW JERSEY
STATE HIGHWAY DEPARTMENT
TRENTON

ANNUAL REPORT OF SUPERINTENDENT OF MAINTENANCE FOR FISCAL YEAR FROM JANUARY 1, 1941 TO DECEMBER 31, 1941

I beg to submit herewith the Annual Report of the Maintenance Division for the fiscal year 1941. In accordance with the procedure followed for several years back, the major portion of the report is being submitted in the form of tables showing, in condensed form, certain pertinent information in connection with the work of the Division. Also, following our former procedure, the numbers and titles of the tables submitted correspond to the numbers and titles of similar tables in previous reports, so that direct comparisons may be made between the information in this report and the previous tables back to the year 1929.

The mileage status of the State Highway Sytem as of December 31, 1941 and certain other miscellaneous information is shown in Table No. 1. It will be noted that there is a slight increase in the mileage under maintenance. There is, however, a reduction in the mileage under construction and a very slight increase in the total length of the system as of the same date. These changes reflect the taking over of new alignment and the abandonment of old alignment. The mileage of Institutional Roads and Approaches remains the same as a year ago. It will be noted that both types of permits show a small reduction from the previous year.

Table No. 2 shows the mileage of the various types of pavement under maintenance as of December 31, 1941. It seems pertinent to point out the fact that the total mileage in this table does not, as usual, correspond to the mileage shown in Table No. 1. This discrepancy is caused by the fact that particularly on a number of dual highways, the

pavement is not the same on each half of the dual highway. All necessary corrections for such duplications in mileage have been made in Table No. 1, so that the correct total mileage of the system is indicated in that table. It will be noted, however, that where there are duplications in mileage in Table No. 2, the same have been indicated by foot notes. All classifications show some change from the previous year.

Table No. 3 is a schedule of the major operations carried on by the Division. W. P. A. Projects put into operation during the year had a project value of $582,859.00, which, it will be noted, is less than one-third the value of similar projects for the year 1940. During the year Division forces completed the dualization of the last link of State Highway Routes S-26 and 25 in the vicinity of New Brunswick under the Federal Aid program. The Division also cooperated with the contractor on State Highway Route S-41 near Berlin in the dualization of that route. The Maintenance Division's portion of the work consisted of slab moving and the banking of certain pavement which had been originally constructed without banking. While previous work of this type had involved principally tangent alignment and single slabs, this work involved a considerable amount of curvature and the movement of two slabs over a considerable portion of the section involved. These slabs were moved a maximum of thirty-six feet. In spite of the new elements involved, the work appears to have been highly successful. It will be noted that there is a material reduction in the amount of guard rail constructed during the year. This reflects to a considerable extent the end of a cycle in such reconstruction work.

In Table No. 4 there are shown the principal items of materials used in carrying out the work of the Division. Concrete aggregates, cement, brick and various types of drain and culvert pipe all show a material reduction. This unquestionably reflects the reduction in construction work and in the W. P. A. Program. Bulk bitumens show a very large increase. This reflects a considerably expanded program of treatments on gravel shoulders in the southern part of the State. This program has for its purpose the conservation of gravel and also the preservation of the shoulders in a more satisfactory condition for traffic under any and all conditions. Experience indicates that the treatment of shoulders is a material aid in preventing erosion during heavy storms.

Table No. 5 is an analysis of road maintenance costs by route, type of pavement and class of work. This table is always one of the most interesting tables in the whole report. It should be noted that in making up the average costs, only those sections of highway have been included which were under maintenance of the entire year. Your attention is drawn to the fact that there was a slight decrease in the cost of normal surface maintenance, with a small increase in the cost of shoulder and right of way maintenance. It will be noted, however, that both extraordinary shoulder and guard rail maintenance show a marked decrease. The total average cost per mile for all classes of maintenance shows a material decrease for the year.

ORGANIZATION

There were no material changes in organization during the year.

BRIDGES

Contracts having been awarded for the reconstruction of the northerly approaches to the Big Timber Creek and the Main Branch of Newton Creek on State Highway Route #45 and for the reconstruction of the Cheesequake Creek Bridge at Morgan, three of the most troublesome bridges, from a maintenance standpoint, will have been eliminated from our schedule. There are still a number of bridges which require attention when conditions are favorable. One of these is the Maurice River Bridge on State Highway Route #49 at Millville. Some major work should be done on the draw span of the Island Heights Bridge if it is not possible to reconstruct this draw span at a higher elevation and of a more adequate width. The Woodbury Creek Bridge on State Highway Route #44 is also light and totally inadequate as to width. The reconstruction of this bridge will, I believe, proceed, under normal conditions, with the work of dualizing State Highway Route #44 in that vicinity.

SNOW REMOVAL

The snow removal program for the 1940-1941 season involved a mileage of 1,607.261 miles, while the program for the 1941-1942 season called for 1,641.791 miles. With the addition of new sanding and cindering equipment our program for this type of work was very materially enlarged. Considerable snow fell during the Winter and there was a very considerable amount of icy weather, with the result that the snow removal and ice control costs for the 1941-1942 season were the highest on record. The skid proofing operations will probably never be entirely satisfactory to some portion of the traveling public, due to the fact that there are some motorists who expect ideal driving conditions regardless of weather conditions. On the whole, however, it is my opinion that our snow removal and ice control operations have, in general, met with the approval of the motoring public.

SIGNS AND MARKINGS

Only a minor portion of our sign work for the year consisted of the erection of new signs and markers. Our sign forces practically completed the sand blasting and refinishing of existing signs. The maintenance of signs is, however, a continuous operation just the same as is the maintenance of pavement surfaces. During the year it became necessary to give serious consideration to the use of substitute materials, owing to the shortage of metals by reason of defense requirements for these metals. It has been determined that for the duration of the emergency it will be necessary to use wood or other temporary materials for both signs and posts.

There was a decided increase in the length of traffic line painted during the year. The unit cost per foot, based on a six inch line, for the year 1941 was $0.0087613, as compared to a cost of $0.00833844 for the year 1940. It will be noted that this shows a slight increase, which is unquestionably primarily due to a large increase in the cost of material, as the cost for supervision, labor and equipment shows a material reduction in cost.

LANDSCAPING

As has been the case for the last few years, there has been an increase in the amount of landscaping work done during the year; several new construction jobs having been completed and turned over for maintenance. It is unfortunate that some of the work done in previous years has developed objectionable features, so that plans are being prepared for the revamping of some of the work already done in order to eliminate these features.

RECOMMENDATIONS

The establishment of "No Passing Zones" on highways and the marking of the same has been very generally accepted as a desirable procedure by practically all the States in the Union. At the present time the New Jersey Traffic Act does not provide for the establishment of such zones, their marking or the enforcement of the "No Passing" feature. It is my opinion that the establishment of "No Passing Zones" is a valuable contribution to the safety of the traveling public. It is, therefore, my earnest recommendation that the Legislature be asked to pass the necessary Legislation to permit the setting up and marking of such zones. It is unfortunate that at least one of our adjoining States has not adopted the National standard. On the whole, however, I am of the opinion that the New Jersey law should be in conformity with the National standard. It is my further recommendation that the National standard be followed in any Legislation enacted.

While New Jersey's standards in connection with the top soiling and seeding of slopes and rights of way outside of the graded widths are, in my opinion, higher than those of many other jurisdictions, I feel that there is still decided room for improvement. The experience of the Maintenance Division seems to indicate that there is considerable need for a revision of our slope angle. Far too much of the work is being done on an arbitrary one and one-half to one slope, without due consideration for the nature of the soil involved. The result is that the Maintenance Division is, in many cases, faced with the necessity for major repair work during the first year or two on account of the instability of the slopes. It is my further firm belief that the Department's requirements as to the time of fertilizing and seeding are

not sufficiently stringent. Far too much seeding is, in my opinion, being done when the weather conditions are clearly unfavorable. As a consequence, the results obtained are unsatisfactory, and excessive maintenance costs are involved in making good the resulting deficiencies. We have a number of stretches where honeysuckle has been used on the slopes and the results have been outstandingly successful. It would appear to me that these results warrant more general use of such planting. It is, therefore, my recommendation that more careful consideration be given to slope angles and that the requirements as to the time of fertilizing and seeding be tightened up in such a way as to eliminate the present unsatisfactory results. It is my further recommendation that serious consideration be given to the use of more ground cover planting, such as honeysuckle.

During the past few years the Department has been involved in the dualization of a number of stretches of heavy duty highways. For various reasons, the width of shoulder has, in a number of cases, been reduced from a width of ten feet or more to a width of only five feet. It is my opinion that a shoulder width of five feet is decidedly inadequate on a heavy duty highway for several reasons. In the first place, a five foot width is inadequate to permit even a passenger vehicle to pull completely off the paved surface when stopping for any reason whatever. In the second place, a five foot width does not provide sufficient width on which to store snow after heavy storms, with the result that it is necessary to pile up the snow on the sidewalk or permit it to encroach upon the normal traveled paved width. It is, therefore, my recommendation that, if at all reasonably possible, a minimum shoulder width of ten feet be provided on heavy duty highways.

On several occasions there have been sporadic attempts to eliminate advertising signs from the rights of way of State Highways, but at no time have our endeavors been entirely satisfactory. Many of our most heavily traveled sections of highways are literally lined with signs of all sorts and descriptions and the resulting appearance of the highways is decidedly objectionable. There are certain laws in existence which were designed to prevent this condition. It is, however, my opinion that these laws are principally observed in the breach thereof. I am of the opinion that if the State Highway Department were vested with the power of summary removal of signs from the rights of way of State Highways, a considerable contribution would be made toward the clearing up of this situation. It is possible that there may be objections to granting such powers to the Department. If there be such valid objections, it would then be my recommendation that some other equally satisfactory method be devised and the necessary laws enacted to bring about the elimination of the present forest of signs along the highways.

At the present time the State Highway Department has no real research organization. Practically all Divisions of the Department are so engrossed with their regular duties that they have inadequate time to make a thorough and comprehensive study of matters requiring investigation. I could personally outline a number of projects which are, in my opinion, of sufficient importance, both from a construction and an economic standpoint, to warrant the expenditure of a considerable sum on exhaustive research. It is, therefore, my recommendation that consideration be given to setting up a research organization in the Department.

Respectfully submitted,

Alex. W. Muir

Alex. W. Muir
Superintendent of Maintenance

TABLE NO. 1

1941

Total State Highways Under Maintenance	1,628.2454
Total Under Construction	51.9540
Total State Highway System	1,680.1994
Institutional Approaches and Interior Roads Under Maintenance	195.450

GENERAL

Service Station and Miscellaneous Permits	678
Opening and Pole Permits	1,220

TABLE NO. 2 - 1941

SCHEDULE OF MILEAGES OF HIGHWAYS UNDER MAINTENANCE AS OF DECEMBER 31, 1941

Route	Concrete under Maintenance Miles	Macadam under Maintenance Miles	Gravel under Maintenance Miles	Sh.Asph. Bit.Con. under Maintenance Miles	Bit.Mac. under Maintenance Miles	Stone Block under Maintenance Miles	Brick, Earth Asph.Block New R.O.W. Misc. Under Maintenance Miles	Total under Maintenance Miles
1	*1 17.884			*1 5.155	0.090	*1 0.422	0.476	*1 24.027
S1	3.058			0.087				3.145
S1A	2.091							2.091
2	*2 25.925					0.276		*2 26.201
3	7.819				*3 0.3363	0.015		*3 8.1703
S3	0.763				0.049			*4 0.812
4	*5 125.251		14.052	*5 17.586	0.308		1.371	*5 158.568
S4	1.565							1.565
S4B							10.609	10.609
5	3.470			0.284				3.754
S5					0.691			0.691
6	*6 61.662			*6 8.544		0.507	0.505	*6 71.218
S6	0.932			0.867				1.799
7	1.223			*7 3.8971		0.190		*7 5.3101
8	23.830				0.124			23.954
10	*8 19.189			3.797	0.043	1.201		*8 24.230
12	9.530				1.250			10.780
13E	0.029		0.107					0.136
21	1.980			3.097	0.087			5.164
22	0.147							0.147
23	*9 46.305	*9 6.115		0.040	0.082		2.650	*9 55.192
24	24.730			7.164		0.231		*10 32.125

*1 0.794 G.Wash.Bridge App.; 1.424 Dual Hwy; 0.287 Elevated Hwy. *2 10.911 Dual Hwy. *3 0.653 Parallel Hwy. *4 5.198 Under Construction. *5 5.545 Resurfaced Conc.; 3.087 Under Const.; 3.631 Part Dual; 4.255 Dual Hwy. *6 0.761 Parallel Hwy; 3.558 Under Const.; 3.807 Resurf.Conc.; 13.977 Dual Hwy; 6.203 Part Dual. *7 0.373 Parallel Hwy. *8 10.788 Dual Hwy. *9 9.123 Dual Hwy; 2.743 Part Dual; 5.742 Shale Base. *10 1.593 Under Construction.

TABLE NO. 2 - 1941

SCHEDULE OF MILEAGES OF HIGHWAYS UNDER MAINTENANCE AS OF DECEMBER 31, 1941

Route	Concrete under Maintenance Miles	Macadam under Maintenance Miles	Gravel under Maintenance Miles	Sh.Asph. Bit.Con. under Maintenance Miles	Bit.Mac. under Maintenance Miles	Stone Block under Maintenance Miles	Brick, Asph. Block New R.O.W. Misc. Under Maintenance Miles	Total under Maintenance Miles
S24	10.465			0.401	0.149			11.015
25	*11 80.362			*11 23.005	*11 0.255	*11 4.973	*11 0.779	*11 109.374
S25	0.453							0.453
26	*12 23.612			0.687				*12 24.299
S26	*13 1.549							*13 1.549
27	16.854			*14 25.008		1.140	1.400	*14 44.402
28	*15 50.617			*15 6.220				*15 56.837
S28	8.174				0.275			8.449
29	*16 46.144			*16 0.668				*16 46.812
29A	2.997						0.852	3.849
30	47.467	0.131		0.172	0.500			48.270
31	48.115	3.458		*17 3.287	1.200			*17 56.060
S31	*18 14.570	2.300	2.600	0.048	0.201			*18 19.719
31A				*19 0.387				*19 0.387
32	9.838			*20 10.912				*20 20.750
33	*21 33.932			*21 4.231				*21 38.163
34	25.883			0.097				25.980
35	*22 51.594			*22 15.083	0.437		1.795	*22 68.909
36	*23 16.118						0.240	*23 16.358

*11 13.195 Parallel Hwy; 2.928 Parallel Hwy. Resur.Conc.; 2.648 Ramps; 0.830 Overhead Roadway; 6.207 U.C. 35.691 Dual Hwy; 2.565 Part Dual Hwy; 6.696 Dual Hwy U.C.; 3.478 High Level Via. 0.422 Elevated Hwy. *12 20.587 Dual Hwy. *13 1.549 Dual Hwy. *14 4.899 Resur.Conc. *15 14.287 Parallel Hwy; 2.491 Resur. Conc.; 13.146 U.C.; 3.679 Conn.Links; 2.192 U.C. *16 21.266 Dual Hwy; 5.369 Part Dual Hwy; 0.585 El.Hwy. *17 2.500 Resur.Conc. *18 1.500 Part Dual Hwy. *19 Dual Hwy. *20 2.393 Resur.Conc. *21 1.690 Parallel Hwy; 3.793 Part Dual Hwy.; 1.665 Resur.Conc. 4.005 U.C. *22 0.431 Parallel Hwy; 1.012 U.C.; 5.203 Dual Hwy; 4.349 Part Dual Hwy. *23 1.202 Parallel Hwy; 3.555 Dual Hwy.

TABLE NO. 2 - 1941

SCHEDULE OF MILEAGES OF HIGHWAYS UNDER MAINTENANCE AS OF DECEMBER 31, 1941

Route	Concrete under Maintenance Miles	Macadam under Maintenance Miles	Gravel under Maintenance Miles	Sh.Asph. Bit.Con. under Maintenance Miles	Bit.Mac. under Maintenance Miles	Stone Block under Maintenance Miles	Brick, Asph.Block New R.O.W. Misc. Under Maintenance Miles	Total under Maintenance Miles
37	*24 23.582		2.801	*24 0.719	1.038		1.360	*24 29.500
38	*25 16.801		3.364					*25 20.165
39	*26 29.944			7.984	0.521			*26 38.449
40	*27 55.041			*27 3.052				*27 58.093
S40	23.190							23.190
41	9.001				0.389			9.390
S41	18.768	1.340		0.520				20.628
42	*28 42.921			*28 3.435				*28 46.356
43	47.869		*29 31.599					*29 79.468
44	*30 20.732	*30 2.435		8.600	3.191		0.097	*30 35.055
S44	1.785							1.785
45	29.903			*31 7.051	0.930		0.241	*31 38.125
46	20.667							20.667
47	*32 42.748			11.059			0.500	*32 54.307
48	*33 33.315			*33 31.622				*33 64.937
49	*34 43.081			9.627			0.816	*34 53.524
S49	13.460							*35 13.460

*24 1.741 Dual Hwy. *25 5.615 Dual Hwy. *26 1.057 Parallel Hwy U.C. *27 3.052 Parallel Hwy; 8.201 Dual Hwy. *28 3.296 Parallel Hwy; 5.391 Dual Hwy. *29 31.599 Gravel Widening. *30 2.846 Parallel Hwy; 1.980 U.C.; 3.203 Parallel Hwy U.C. *31 0.418 Resurf.Conc. *32 1.063 Conc. Widening. *33 4.791 Parallel Hwy; 2.764 Dual Hwy; 1.000 Resurf. Conc. *34 0.155 Parallel Hwy. *35 0.644 Taken Over for Construction.

TABLE NO. 2 - 1941

SCHEDULE OF MILEAGES OF HIGHWAYS UNDER MAINTENANCE AS OF DECEMBER 31, 1941

Route	Concrete under Maintenance Miles	Macadam under Maintenance Miles	Gravel under Maintenance Miles	Sh.Asph. Bit.Con. under Maintenance Miles	Bit.Mac. under Maintenance Miles	Stone Block under Maintenance Miles	Brick, Earth Asph. Block New R.O.W. Misc. Under Maintenance Miles	Total under Maintenance Miles
50	25.141			0.200				25.341
51	0.342		4.824					5.166
Misc.	1.905			1.010	1.325		0.876	5.116
Total Hwy System Under Maint.	1366.323	15.779	59.347	225.6031	13.4713	8.955	24.567	1714.0454
Inst. App.	0.663		4.927	3.250	8.960			17.800
Inst. Int.	1.500	4.900	61.450	35.930	42.920		30.950	177.650
Inst. Total	2.163	4.900	66.377	39.180	51.880		30.950	195.450
Grand Total	1368.486	20.679	125.724	264.7831	65.3513	8.955	55.517	1909.4954

nes et 2"	Gravel Surfacing Sq. Yds.	W. P. A. Projects Value	Misc. Paving Sq.Yds.	Detours Main-tained Miles
7,704				
1,056				
8,448				
6,532				
4,816				
			335	
3,638				
3,168				
2,112				
6,470				
0,560			45	
100				
4,952				
3,168				
2,144				
5,344				
3,696			52	
6,832				
6,832				
3,290				
36,960		$ 23,815.00		
32,176				
10,560				
32,002				
Inst.	55,910.825			
Misc.			27,644	13,726 62,670 281 1,297
Totals	84,036.602	1,076.[illegible]00		

TABLE NO. 3 - MAJOR OPERATIONS CARRIED ON DURING THE YEAR 1941

Route	Construction Jobs	Macadam Bit. Mac. Surfacing Sq. Yds.	Concrete Surface Sq. Yds.	Sewers & Drains Lin. Ft.	Shoulders Resurfaced Sq. Yds.	Guard Rail Constrctn Lin. Ft.	Metal Signs & Posts Erected Signs	Metal Signs & Posts Erected Posts	Wooden Posts Erected	Wood Signs Erected Plain	Wood Signs Erected Button	Stop Street Signs	Route Markers N.J.	Route Markers U.S.	Bridge Activities Jobs Maj	Bridge Activities Jobs Min	Bridge Activities Jobs Paint	Mud Jacking Sq.Yds.	Reflector Signals (Red) Erected	Traffic Lines Lineal Feet 6"	Traffic Lines Lineal Feet 12"	Gravel Surfacing Sq. Yds.	W. P. A. Projects Value	Misc. Paving Sq.Yds.	Detours Maintained Miles
1				184			22	23	7	29	3	3	1	58	1	2		1,018	8	45,162	67,704				
S-1							2											1,450		27,456	1,056				
S-1A							3			4		5	1							9,504	8,448				
2			110	20			24	21	6	15	5	10	2					1,425	17	118,272	36,532				
3							6	10		12			1			4	1	215	5	38,016	24,816				
S-3							3	6				1							3					335	
4			1,125	552		625	305	111	77	65	54	126	108		3	8	1	900	50	588,992	63,638				
S-4										4		2								5,280	3,168				
S-4B																									
5							3	1				2								13,200	2,112				
S-5																				2,112					
6			20				245	181	5	17	1	84	9	10	2	21	2	480	73	383,710	56,470				
S-6																									
7				28			1	2				11						268	1	15,840	10,560			45	
8			145				8	3											5	74,976	100				
10							19	5		2		2				3		6,624	3	96,096	4,952				
12			50	756			2			2		2						356	1	33,792	3,168				
13E																2	1								
21							4	1							1	1			2	10,560	12,144				
22																									
23			200				28	10		9		61	8		1	2		4,963	23	132,044	25,344				
24			66	554			4	1		9		49	4					2,123	7	113,620	3,696			52	
S-24							7					2		12					4	786,986	76,832				
25	2		540	128	2,829	332	334	144	14	111	7	143	27	9	1	22		26,050	150	786,986	76,832				
S-25							8						1												
26							15	9				8	4		1	2		10,880	25	233,848	3,290				
S-26																									
27			65	206	215		7	3				66	2		1	3			3	140,252	36,960		$ 23,815.00		
28			350			6,250	52	19		14		92				4	1	3,397	16	192,192	22,176				
S-28							5	1				11	8						7	68,080	10,560				
29	1			268		17,255	294	121	1	47	2	34	21	18		3		9,018	112	303,181	32,002				
29A																									
30				228			20	7	1	5		22	4			2		18,892	12	146,430	10,032				
31	1					6,220	39	13		10		11		14					9	207,514	3,178		12,234.00		
S-31							45	26											4	49,104	1,056				
31A																									
32							15	1	1			14	3						3	69,736	1,056				
33							34	9	67	2		57	7						29	120,608	12,752				
34							7	4		1		5	1						4	64,944	4,424				
35		157	352	332		1,580	95	71	21	27		63	14		3	9	1	150	78	376,238	90,746				
36							13	3		6		16	3			1	1	86	9	90,816	6,864				
37							7	7	4	2		20	25		1				1	44,352	1,256				
38	1			100			20	29	33	43		8	24						24	31,152	5,004				
39							8	6	24	1		5	3	4	1	1		7,290	17	116,710	1,667				
40						600	13	19		11		18	2					200	9	161,568	8,708		514,909.00*		
S-40										5															
41							3			28	2	4				1			4	21,120					
S-41	2						68	5		9		7	30						40	177,936	8,976				
42					12,000	170	12	6				9			1	1		745	7	290,948	25,872				
43			403	1,472		78	28	23		8		21						900	1	381,416	58,462			55	
44	2			51	18,000		90	18	2	17		25	16	32		4		2,387	18	147,190	6,680				
S-44										7															
45			328	316	6,328		32	22				13	2	6	1	7		25,393	8	109,584	40,128				
46					9,000	80	6	3				11								53,328	1,156				
47				285			19	19		1		6						1,570	5	134,640	2,640				
48				506	19,200		16	14	1			17	2	1					11	216,428	12,672		31,901.00		
49			348	74			51	34	4	27		10	20		3	2		2,351	16	122,210	1,144				
S-49							2						4			1	1			32,208					
50			127				2	2	16			3				2	1		2	48,048					
51							2			26									2						
Misc.										373	249				1	3		228		2,552					
Inst.		71,675*		1,694		1,200									1							9,000			
Totals:	9	71,832	4,229	7,754	67,572	34,389	2,048	1,013	284	949	323	1,069	357	164	23	111	10	129,459	828	8,352,961	826,041	9,000	$ 582,859.00	487	

*Project approved 1940 - Started 1941

*Modified penetration

Routes	Broken Stone Tons	Crushed Slag Tons	Drain & Culvert Pipe--All Sizes Feet	Guard Rail Posts	Guard Rail Cable Feet	Wood Piling	Sign Posts
1	2,353.01		2,282	1,057			30
S1	120.527		878		31,020		
S1A	35						
2	3,218.09			2,233			27
3	1,285.00			418			10
S3	150.00						6
4	2,025.50		1,736	10			188
S4							
S4A							
5	65.795						1
6	3,738.16			1,348			186
S6							
7	13.60		28				2
8	309.60			20			3
10	1,764.65			79			5
12	1,354.585	290	758				
21	135.48						1
22							
23	4,318.60		45	174			10
24	211.30		368				1
S24	899.90						
25	6,251.10		135	47	840		158
26	1,056.90						9
27	1,378.90		3,088				3
28	1,235.475		17				19
S28	175.35			1,766			1
29	4,369.85		292				122
30	1,924.75		1,575	1,504			8
31	3,785.45		1,692	4			13
S31	1,235.25			1,880			26
32	1,335.00						2
33	403.55						76
34	120.00			959			4
35	612.41		352	449			92
36	237.945		20	10			3
37							11
38							62
39	208.20		385				30
40	125.40		1,726	399			19
S40			348				
41	80						
S41	82.45						5
42	304.15		36	1,003	7,810	47	6
43	595.25		294				23
44	643.10	219.[illegible]	24				20
45	576.85		184				22
46	100.15						3
47	127.60		1,778				19
48	962.[illegible]5		4,234	93	20,900		15
49	86.40		56			5	38
S49							
50	18.65			34			18
51	93.90	567.[illegible]					
54			3,793			229	
Inst.	33,910.825		1,520	239	2,100		
Misc.							
Totals	84,036.602	1,076.[illegible]	27,644	13,726	62,670	281	1,297

TABLE 4 - MATERIAL REPORT - 1941

Routes	Broken Stone Tons	Crushed Slag Tons	Road Gravel Yards	Concrete Gravel Tons	Sand Tons	Bitumen Surface Treatment&Penetration-Gallons	Lignin Binder Gallons	Bitumen Cold Pa[illegible]h and Joint Fillers Gallons	Bit. Concrete and Sheet Asphalt-Tons	Paving Blocks	Cement Bags	Lumber Board Feet	Paint Gallons	Calcium Chloride Tons	Cinders Yards	Common Brick	Drain & Culvert Pipe--All Sizes Feet	Guard Rail Posts	Guard Rail Cable Feet	Wood Piling	Sign Posts
1	2,353.01				131.31			10,203			1,714	5,043		51	1,263	15,700	2,282	1,057			30
S1	120.527							378						13	200	2,000	878		31,020		
S1A	35							270						13							
2	3,218.09				35	46,567		6,706			220			77	1,612			2,233			27
3	1,285.00				4	8,081		3,910			3			45	667			418			10
S3	150.00								20												6
4	2,025.50		10.179	359.4	232.55	47,775	105,823	39,342	514	1,500	2,555	59,049		65	1,517		1,736	10			188
S4						4,230															
S4A			49			9,913															
5	65.795				18			1,737				297		29	703						1
6	3,738.16		930		15.8	5,211		10,962			71	534		223	2,866			1,348			186
S6														6							
7	13.60				6						85			13	140	2,000	28				2
8	309.60		414			15,678		857	250		80			37.50				20			3
10	1,764.65					1,928		2,126			66	267		74.50	2,622			79			5
12	1,354.585	290			19	16,292		7,349			148			13	218	1,000	758				
21	135.48							1,798				2,854		14	180						1
22								52													
23	4,318.60		1,324		30.3	25,078		6,157			670	176		179.50	3,098		45	174			10
24	211.30		1,558		34.45			5,308	48		325	336		65.25	1,100	8,000	368				1
S24	899.90		26			13,281		7,364			5	292		8	30						
25	6,251.10		7,324		1,197.65	39,578		47,017	1,710	1,675	16,265	6,103		119	2,443		135	47	840		158
26	1,056.90		108			1,217		6,829			254	2,427		10	562						9
27	1,378.90		112	15	133.25	11,004		12,979	1,410		880	7,586		18	569	37,800	3,088				3
28	1,235.475		1,036		86.85	13,278		15,929	442		317	423		33	1,002		17				19
S28	175.35							2,812						6	203			1,766			1
29	4,369.85			16	47.75	31,884		29,493	95		722	3,039		58	1,643		292				122
30	1,924.75		954	12	18.60	3,561		8,628			1,035	88		39	374		1,575	1,504			8
31	3,785.45		331		15.60			11,430			180	6,747		106	1,584		1,692	4			13
S31	1,235.25		924		42	55,704		3,474			279	142		22.50				1,880			26
32	1,335.00							3,048						44.75	242						2
33	403.55		2,135			29,143		7,922	6			50		17	266						76
34	120.00		2,312			19,326	90,552	3,160			175			12	140			959			4
35	612.41		4,925		166.40	52,715	41,675	18,731		600	207	8,368		27	371		352	449			92
36	237.945		1,094		76.6	55,468		5,405			970	100		5	36	800	20	10			3
37			3,008			13,558	22,093	7,305	75		10	79,224		53	33						11
38			1,020	1,428.07	545.07	16,550	86,993	2,008			8,050	5		5	55						62
39	208.20		1,601	5	2.50	10,621	44,419	6,005			103	6,090		3	34		385				30
40	125.40		5,505		125.60	23,138	181,031	5,240			375	384		17		8,000	1,726	399			19
S40			6,687					674			10			9			348				
41	80		199			12,430	31,944	3,301			23			5	25						
S41	82.45		3,797		56.65	14,233	59,953	2,075			8,325	9,944		5	55						5
42	304.15		2 964		76.90	40,158	16,683	7,175			600	14,943		21	50	800	36	1,003	7,810	47	6
43	595.25		3,298	55.3	208.325			14,263	469		3,424	6,841		20.50			294				23
44	643.10	219.44	1,438		9.40	50,399		6,187	257		65	2,441		12	60		24				20
45	576.85		6,894	52.6	42.10	74,876	24,086	9,083	125	225	1,016	1,335		19	250		184				22
46	100.15		535			25,236	34,191	3,679						10	30						3
47	127.60		6,815	193	136.55	236,003		12,625	45		1,450	72		16	155	19,500	1,778				19
48	962.05		1,519	116.495	93.735	125,778	28,209	13,295	860		1,435	17,325		17		21,500	4,234	93	20,900		15
49	86.40		1,342	135.388	69	20,878	24,724	9,801		400	678	4,407		9		3,000	56			5	38
S49			595			41,024		2,810			8			1							
50	18.65		429			56,924		4,155						4				34			18
51	93.90	567.52		32		16,812		4,011													
54				1,269.513	615.818						7,043	39,059				30,000	3,793			229	
Inst.	33,910.825		15,042	16	2,219.90	503,118		15,936	7,972		1,954			87.50		12,000	1,520	239	2,100		
Misc.													70,927								
Totals	84,036.602	1,076.960	98,423	3,705.766	6,512.658	1,788,648	792,376	411,004	14,298	4,400	61,478	285,991	70,927	1,758.00	26,398	162,100	27,644	13,726	62,670	281	1,297

TABLE 5

Schedule # 9-A

ANALYSIS OF 1941 ROAD MAINTENANCE COSTS BY ROUTE, TYPE OF PAVEMENT AND CLASS OF WORK

ORDINARY MAINTENANCE:
M-1 Work on surface - travelled width.
M-2 Work on paved shoulders.
M-3 Work on drains, ditches, unpaved shoulders.
M-4 Work on Guard Rails and fences.
Const.-Cost incurred on jobs not maintained for FULL year.

EXTRAORDINARY REPAIRS:
E-5 Resurfacing, rebuilding, heavy patching - main pavement.
E-6 Rebuilding paved shoulders.
E-7 Rebuilding drains, new ditching, rebuilding unpaved shoulders.
E-8 Replacing guard rails and fences.

	Class of Work	CONCRETE		BITUMINOUS CONCRETE STONE BASE		BITUMINOUS CONCRETE CONCRETE BASE		STONE BLOCK		MACADAM		GRAVEL		BITUMINOUS MACADAM		BRICK		DIRT, CINDERS, ETC.		TOTAL	
		TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE
Rt.	Miles	20.129		2.989		1.330		0.422						0.090						24.960	
	M-1	$ 1,312.70	$ 65.22	$ 2,609.64	$ 873.08	$ 188.30	$ 141.57	$ 37.28	$ 88.34	$ 0	$ 0	$	$	$ 151.82	$ 1,686.89	$	$	$	$	$ 4,299.74	$ 172.27
	M-2	391.19	19.43																	391.19	15.67
	M-3	14,652.72	727.94	3,280.24	1,097.43	151.84	114.17	2,114.88	5,011.56											20,199.68	809.28
1	M-4	86.20	4.28	233.94	78.27	1.89	1.42													322.03	12.90
	E-5	762.91	37.90																	762.91	30.56
	E-7	5,641.86	280.29	3,018.03	1,009.73			72.47	171.73											8,732.36	349.85
	E-8	4,782.32	237.58			46.60	35.04													4,828.92	193.47
	Const.													1,109.31						1,109.31	
	Total	27,629.90	1,372.64	9,141.85	3,058.51	388.63	292.20	2,224.63	5,271.63					1,261.13	1,686.89					40,646.14	1,584.00
S-1	Miles	3.058				0.087														3.145	
	M-1	296.54	96.97			5.24	60.23													301.78	95.96
	M-2	1,224.08	400.29																	1,224.08	389.21
	M-3	324.80	106.21																	324.80	103.28
	M-4	5.35	1.75																	5.35	1.70
	M-5	997.77	326.28																	997.77	317.26
	M-7	140.25	45.86																	140.25	44.59
	M-8	1,840.89	601.99																	1,840.89	585.34
	Const.																			4,834.92	1,537.34
	Total	4,829.68	1,579.35			5.24	60.23													2.091	
S-1A	Miles	2.091																			
	M-1	32.11	15.36																	32.11	15.36
	M-2	228.68	109.36																	228.68	109.36
	M-3	262.02	125.31																	262.02	125.31
	M-4	49.63	23.73																	49.63	23.73
	M-8	67.49	32.28																	67.49	32.28
	Const.																			639.93	306.05
	Total	639.93	306.04																	26.201	
2	Miles	25.925												0.276							
	M-1	3,098.19	119.50											367.58	1,331.81					3,465.77	132.28
	M-2	22,522.64	868.76																	22,522.64	859.62
	M-3	8,953.89	345.38																	8,953.89	341.74
	M-4	1,615.01	62.30																	1,615.01	61.64
	M-5	2,333.60	90.02																	2,333.60	89.06
	M-7	1,942.39	74.92																	1,942.39	74.13
	M-8	11,017.12	424.96																	11,017.12	420.48
	Const.													367.58	1,331.81					51,850.42	1,978.95
	Total	51,482.84	1,985.84											0.015						7.899	
3	Miles	7.819				0.065															
	M-1	1,864.83	238.50			10.56	162.46							161.55	10,770.00					2,036.94	257.87
	M-2	2,512.19	321.29																	2,512.19	318.04
	M-3	8,703.97	1,113.18																	8,703.97	1,101.90
	M-4	764.29	97.75											107.30	7,153.33					764.29	96.76
	M-5	108.57	13.88																	215.87	27.33
	M-7	1,146.20	146.59																	1,146.20	145.11
	M-8	2,419.82	309.46																	2,419.82	306.35
	Const.													268.85	17,923.33					17,799.28	2,253.36
	Total	17,519.37	2,240.67			10.56	162.46							.049						0.812	
S-3	Miles	.763												134.76	2,750.20					163.90	201.86
	M-1	29.14	38.19											7.13	145.53					40.95	50.44
	M-3	33.77	44.26											3.82	77.96					5.88	7.21
	M-4	2.06	2.70											1,584.39	32,354.40					1,584.39	1,951.22
	M-5																				
	Const.													1,730.15	35,300.18					1,795.12	2,210.73
	Total	64.97	85.15											3.871		.400				161.437	
4	Miles	124.158		.916		17.340						14.052									
	M-1	11,528.62	92.85	62.50	68.23	3,654.15	203.69					4,820.97	343.08	902.05	227.16	187.37	468.42			21,155.66	131.05
	M-2	4,712.61	37.96			129.27	7.20													4,841.83	29.99
	M-3	71,787.48	578.19	270.56	295.37	8,829.99	492.20					6,048.43	430.43	2,057.27	518.07	80.05	200.13			89,073.80	551.75
	M-4	2,359.74	19.00	42.11	45.97	439.67	24.50					597.30	42.51	423.44	106.63					3,862.26	23.92
	M-5	10,489.52	84.49									286.61	20.40							10,776.23	6[illegible].75
	M-7	17,238.11	138.84			290.60	16.20					1,550.61	110.35	604.92	152.31					19,684.16	121.93
	M-8	225.92	1.82									89.14	6.34	38.15	9.61					353.21	2.19
	Const.	115.55																		115.55	
	Total	118,457.65	953.15	375.17	409.57	13,343.63	743.79					13,393.09	953.11	4,025.75	1,013.78	267.42	668.55			149,862.75	927.58
S-4	Miles	1.565																		1.565	
	M-1	174.24	111.34																	174.24	111.33
	M-3	1,730.50	1,105.75																	1,730.50	1,105.75
	M-5	91.60	58.53																	91.60	58.53
	M-7	442.59	282.80									1,505.95								442.59	282.81
	Const.											1,505.95								1,505.95	
	Total	2,438.93	1,558.42																	3,944.88	1,558.42
S-4B	Miles																	16.109		16.109	
	M-3																	105.79	6.57	105.79	6.57
	M-7																	232.75	14.44	232.75	14.44
	Const.																	338.53	21.01	338.53	21.01
	Total																				

ORDINARY MAINTENANCE:
M-1 Work on surface - travelled width.
M-2 Work on paved shoulders.
M-3 Work on drains, ditches, unpaved shoulders.
M-4 Work on Guard Rails and fences.
Const.-Cost incurred on jobs not maintained for FULL year.

ANALYSIS OF 1941 ROAD MAINTENANCE COSTS BY ROUTE, TYPE OF PAVEMENT AND CLASS OF WORK

EXTRAORDINARY REPAIRS:
E-5 Resurfacing, rebuilding, heavy patching - main pavement.
E-6 Rebuilding paved shoulders.
E-7 Rebuilding drains, new ditching, rebuilding unpaved shoulders.
E-8 Replacing guard rails and fences.

	Class of Work	CONCRETE		BITUMINOUS CONCRETE STONE BASE		BITUMINOUS CONCRETE CONCRETE BASE		STONE BLOCK		MACADAM		GRAVEL		BITUMINOUS MACADAM		BRICK		DIRT, CINDERS, ETC.		TOTAL	
		TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE
Rt. 5	Miles	3.470		.284		.691														4.445	
	M-1	$ 155.67	$ 44.86	$ 88.43	$ 311.37	$ 10.67	$ 15.44	$	$	$	$	$	$	$	$		$	$	$	$ 254.77	$ 57.32
	M-3	1,109.61	319.77	104.37	367.50	3.99	5.77													1,217.97	274.00
	M-4	82.33	23.73																	82.33	18.52
	M-5	102.06	29.41																	102.06	22.96
	M-7	5,621.58	1,620.05	70.05	246.65															5,691.63	1,280.46
	Const.																				
	Total	7,071.25	2,037.82	262.85	925.52	14.66	21.21													7,348.76	1,653.26
6	Miles	55.849		2.379		5.664		.507								.114		4.297		69.310	
	M-1	6,598.77	118.15	537.17	186.58	686.20	121.15	60.32	118.97							19.76	173.33	267.26	62.20	8,169.48	117.87
	M-2	3,638.13	65.14																	3,638.13	52.49
	M-3	24,932.47	446.43	335.65	116.59	1,419.66	250.65	57.53	113.47									415.69	96.74	27,161.00	391.88
	M-4	2,342.73	41.96			173.03	30.55	1.29	2.54									36.04	8.39	2,553.09	36.83
	M-5	981.89	17.58																	981.89	14.17
	M-7	6,759.22	121.03	72.00	25.01	541.68	95.63											1,793.96	417.49	9,166.86	132.26
	M-8	11,447.36	204.97																	11,447.36	165.16
	M-9	975.26	17.46															661.49	153.94	1,636.75	23.61
	Const.																				
	Total	57,675.83	1,032.71	944.82	328.18	2,820.57	497.98	119.14	234.99							19.76	173.33	3,174.44	738.76	64,754.56	934.27
8-6	Miles	0.932		0.867																1.799	
	M-1	46.00	49.36	144.41	166.56															190.41	105.84
	M-3	65.54	70.32	68.98	79.56															134.52	74.77
	M-4	11.76	12.62																	11.76	6.54
	Const.																				
	Total	123.30	132.30	213.39	246.12															336.69	187.15
7	Miles	1.223				3.897		0.190												5.310	
	M-1	33.11	27.07			596.34	153.54	23.73	124.89											655.18	123.39
	M-3	53.96	44.12			137.37	35.25	10.78	56.74											202.11	38.06
	M-4	60.36	49.60																	60.66	11.42
	M-7					897.26	230.24													897.26	168.98
	M-8																				
	Const.																				
	Total	147.73	120.79			1,632.97	419.03	34.51	181.63											1,815.21	341.85
8	Miles	23.830												0.124						23.954	
	M-1	653.54	27.43											58.21	469.44					711.75	29.72
	M-3	7,174.58	301.07											38.52	310.64					7,213.10	301.12
	M-4	133.94	5.62											15.41	124.27					149.35	6.23
	M-5	1,250.13	52.46											2,079.26	16,768.23					3,329.39	138.99
	M-7	802.95	33.69																	802.95	33.52
	Const.													2,191.40	17,672.58					12,206.54	509.58
	Total	10,015.14	420.27											0.043						24.230	
10	Miles	19.189		3.797				1.201						23.29	541.63					1,963.99	81.06
	M-1	1,110.07	57.85	736.57	193.99			94.06	78.32											1,341.60	55.37
	M-2	1,341.60	69.92																	11,357.44	468.73
	M-3	8,106.01	422.43	1,903.76	501.39			1,347.67	1,122.12											525.96	21.71
	M-4	469.33	24.46	56.63	14.91															2,712.62	111.95
	M-5	2,712.62	141.36																	5,312.60	219.26
	M-7	4,501.39	234.58	811.21	213.64															456.97	18.86
	M-8							456.97	380.49												
	Const.													23.29	541.63					23,671.18	976.94
	Total	18,241.02	950.60	3,508.17	923.93			1,898.70	1,580.93					3.720						16.900	
12	Miles	9.880								3.300											
	M-1	713.13	72.18							3,080.48	933.47			1,795.65	482.71					5,589.26	330.72
	M-2	109.61	11.09																	109.61	6.49
	M-3	6,684.42	676.57							104.30	31.61			1,180.60	317.34					7,969.32	471.55
	M-4	53.67	5.43																	53.67	3.18
	M-5	178.48	18.06							134.23	40.68			2,054.58	552.31					2,367.29	140.08
	M-7	5,330.69	539.54																	5,330.69	315.43
	Const.																				
	Total	13,070.00	1,322.87							3,319.01	1,005.76			5,030.83	1,352.36					21,419.84	1,267.45
13-E	Miles											0.107								0.107	
	M-7											203.72	1,903.92							203.72	1,093.92
	Const.																				
	Total											203.72	1,903.92							203.72	1,093.92
21	Miles	1.980				3.097								0.087						5.164	
	M-1	655.71	331.17			447.18	144.39							44.56	512.18					1,147.45	222.20
	M-3	2,405.18	1,214.74			1,730.96	558.91													4,136.14	800.96
	M-4	581.23	293.55			36.76	11.87													617.99	119.67
	M-7	236.83	119.61																	236.83	45.86
	Const.																				
	Total	3,876.95	1,959.07			2,214.90	715.17							44.56	512.18					6,138.41	1,188.69
22	Miles	0.147																		0.147	
	M-1	5.14	34.96																	5.14	34.96
	M-3																				
	Const.																				
	Total	5.14	34.96																	5.14	34.96

ANALYSIS OF 1941 ROAD MAINTENANCE COSTS BY ROUTE, TYPE OF PAVEMENT AND CLASS OF WORK

ORDINARY MAINTENANCE:
M-1 Work on surface - travelled width
M-2 Work on paved shoulders
M-3 Work on drains, ditches, unpaved shoulders
M-4 Work on Guard Rails and fences
Const.-Cost incurred on jobs not maintained for FULL year.

EXTRAORDINARY REPAIRS:
E-5 Resurfacing, rebuilding, heavy patching - main pavement
E-6 Rebuilding paved shoulders
E-7 Rebuilding drains, new ditching, rebuilding unpaved shoulders
E-8 Replacing guard rails and fences

	Class of Work	CONCRETE		BITUMINOUS CONCRETE STONE BASE		BITUMINOUS CONCRETE CONCRETE BASE		STONE BLOCK		MACADAM		GRAVEL		BITUMINOUS MACADAM		BRICK		DIRT, CINDERS, ETC.		TOTAL	
		TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE
Rt. 23	Miles	45.996				0.040				6.459				0.082				2.650		55.227	
	M-1	$ 3,598.65	$ 78.23	$	$	$	$	$	$	$ 9,289.17	$ 1,438.17	$	$	$ 87.65	$ 1,068.90	$	$	$ 4,408.76	$ 1,663.68	$17,384.23	$ 314.78
	M-3	13,337.34	289.97			7.67	191.75			1,083.51	167.75			22.31	272.07			659.10	248.72	15,109.93	273.59
	M-4	2,659.42	57.82			2.77	69.25			160.64	24.87			30.62	373.41			102.17	38.55	2,955.62	53.52
	M-5	3,784.03	82.27																	3,784.03	68.52
	M-7	7,437.59	161.70																	7,437.59	134.67
	M-8	2,497.54	54.30											292.79	3,570.62					2,790.33	50.52
	Const.																				
	Total	33,314.57	724.29			10.44	261.00			10,533.32	1,630.79			433.37	5,285.00			5,170.03	1,950.95	49,461.73	895.60
24	Miles	24.730		2.299		4.865		0.231												32.125	
	M-1	3,516.18	142.18	679.95	295.76	300.57	61.78	80.17	347.06											4,576.87	142.47
	M-2	67.10	2.72			453.53	93.22													520.63	16.21
	M-3	7,249.02	293.13	398.58	173.37	847.95	174.30	60.24	260.78											8,555.79	266.33
	M-4	1,369.17	55.36																	1,369.17	42.62
	M-5	1,851.63	74.87	27.67	12.04	110.21	22.65													1,989.51	61.93
	M-7	3,967.90	160.45	369.96	160.92	1,889.32	388.35													6,227.18	193.84
	Const.																				
	Total	18,021.00	728.71	1,476.16	642.09	3,601.58	740.30	140.41	607.84											23,239.15	723.40
S-24	Miles	10.465				0.401								0.149						11.015	
	M-1	1,392.88	133.10			30.74	76.66							277.25	1,860.73					1,700.87	154.42
	M-2	7,964.73	761.08																	7,964.73	723.08
	M-3	3,578.50	341.95																	3,578.50	324.87
	M-4	511.74	48.90																	511.74	46.46
	M-7	549.58	52.52																	549.58	49.89
	Const.																				
	Total	13,997.43	1,337.55			30.74	76.66							277.25	1,860.73					14,305.42	1,298.72
25	Miles	80.436		16.665		6.738		4.973						0.255						109.067	
	M-1	13,397.89	166.57	4,835.62	290.17	2,878.78	427.25	3,906.05	785.45					358.85	1,407.25					25,377.19	232.68
	M-2	3,243.95	40.33	10.94	.66	223.52	33.17													3,478.41	31.89
	M-3	80,696.99	1,003.24	6,893.93	413.68	8,599.88	1,276.33	10,199.19	2,050.92					76.78	301.10					106,466.77	976.15
	M-4	2,158.99	26.84	365.32	21.92			406.31	81.70					37.96	148.86					2,968.58	27.22
	M-5	27,931.41	347.25	66.35	3.98	2,979.39	442.17							230.99	905.84					31,208.14	286.14
	M-7	21,106.50	262.40	3,597.24	215.85	789.16	117.12													25,492.90	233.73
	M-8	210.59	2.62			613.58	91.06													824.17	7.56
	Const.	864.44																		864.44	
	Total	149,610.76	1,849.25	15,769.40	946.26	16,084.31	2,387.10	14,511.55	2,918.07					704.58	2,763.05					196,680.60	1,795.37
26	Miles	25.161				0.687														25.848	
	M-1	4,218.29	167.65			262.82	382.56													4,481.11	173.36
	M-2	672.71	26.74																	672.71	26.03
	M-3	18,184.86	722.74			191.06	278.11													18,375.92	710.92
	M-4	481.30	19.13																	481.30	18.62
	M-5	3,509.96	139.50																	3,509.96	135.79
	M-7	4,641.80	184.48																	4,641.80	179.58
	Const.																				
	Total	31,708.92	1,260.24			453.88	660.67													32,162.80	1,244.30
27	Miles	18.205		0.821		24.236		1.140												44.402	
	M-1	4,305.23	236.49	360.71	439.35	3,905.43	161.14	60.01	52.64											8,631.38	194.39
	M-2	4,177.05	229.45			1,518.29	62.65													5,695.34	128.27
	M-3	10,478.99	575.61	522.52	636.44	9,675.97	399.23	99.61	87.38											20,777.09	467.93
	M-4	383.81	21.08	53.10	64.68	232.16	9.58													669.07	15.07
	M-5	10,349.39	568.49			194.08	8.01													10,543.47	237.45
	M-7	397.13	21.81	1,789.51	2,179.67	1,289.30	53.20													3,475.94	78.28
	Const.																				
	Total	30,091.60	1,652.93	2,725.84	3,320.14	16,815.23	693.81	159.62	140.02											49,792.29	1,121.39
28	Miles	50.617		0.208		6.012														56.837	
	M-1	7,973.53	157.53	121.21	582.74	471.45	78.42													8,566.19	150.72
	M-2	4,781.25	94.46			82.07	13.65													4,863.32	85.57
	M-3	20,236.02	399.79			1,657.98	275.77													21,894.00	385.21
	M-4	1,041.86	20.58			18.39	3.06													1,060.25	18.65
	M-5	4,046.19	79.94																	4,046.19	71.19
	M-7	7,081.31	139.90			230.17	38.29													7,311.48	128.64
	M-8	6,896.68	136.25																	6,896.68	121.34
	Const.																	20.06		20.06	
	Total	52,056.84	1,028.45	121.21	582.74	2,460.06	409.19											20.06		54,658.17	961.32
S-28	Miles	7.615												0.315						7.930	
	M-1	653.60	85.83											238.14	756.00					891.74	112.45
	M-2	2,109.02	276.96																	2,109.02	265.95
	M-3	2,946.60	386.95																	2,946.60	371.59
	M-4	242.84	31.89																	242.84	30.62
	M-7																				
	M-8	7,386.87	970.04											277.83	882.00					7,664.70	966.54
	Const.																				
	Total	13,338.93	1,751.67											515.97	1,638.00					13,854.90	1,747.15
29	Miles	45.524				0.668														46.192	
	M-1	6,264.72	137.61			628.10	940.27													6,892.82	149.22
	M-2	12,411.60	272.64																	12,411.60	268.70
	M-3	25,657.60	563.60			291.39	436.21													25,948.99	561.76
	M-4	1,963.73	43.14																	1,963.73	42.52
	M-5	5,536.08	121.61																	5,536.08	119.85
	M-7	5,768.70	126.72																	5,768.70	124.88
	M-8	7,950.77	174.65																	7,950.77	172.12
	Const.	4,598.37																		4,598.37	
	Total	70,151.57	1,439.97			919.49	1,376.28													71,071.06	1,439.05

ANALYSIS OF 1941 ROAD MAINTENANCE COSTS BY ROUTE, TYPE OF PAVEMENT AND CLASS OF WORK

ORDINARY MAINTENANCE:
M-1 Work on surface - travelled width
M-2 Work on paved shoulders
M-3 Work on drains, ditches, unpaved shoulders
M-4 Work on Guard Rails and fences
Const.-Cost incurred on jobs not maintained for FULL year.

EXTRAORDINARY REPAIRS:
E-5 Resurfacing, rebuilding, heavy patching - main pavement
E-6 Rebuilding paved shoulders
E-7 Rebuilding drains, new ditching, rebuilding unpaved shoulders
E-8 Replacing guard rails and fences

	Class of Work	CONCRETE		BITUMINOUS CONCRETE STONE BASE		BITUMINOUS CONCRETE CONCRETE BASE		STONE BLOCK		MACADAM		GRAVEL		BITUMINOUS MACADAM		BRICK		DIRT, CINDERS, ETC.		TOTAL	
		TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE
Rt. 29A	Miles	2.997																		2.997	
	M-1	$ 125.00	$ 41.70	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$ 125.00	$ 41.70
	M-3	1,199.10	400.10																	1,199.10	400.10
	M-4	17.31	5.78																	17.31	5.78
	Const.																				
	Total	1,341.41	447.58																	1,341.41	447.58
30	Miles	47.160		0.152		0.020				0.131				0.500						47.963	
	M-1	3,465.97	73.49	279.14	1,836.45					182.07	1,389.83			412.60	825.20					4,329.78	90.48
	M-2	2,066.67	43.82																	2,066.67	43.10
	M-3	19,830.59	420.50	136.44	897.63					46.76	356.94			149.91	299.82					20,163.70	420.40
	M-4	1,628.09	34.52							23.43	178.38									1,651.52	34.43
	M-5	14,955.15	317.12											664.05	1,328.10					15,619.20	325.65
	M-7	4,484.61	95.10																	4,484.61	93.50
	M-8	2,840.11	60.22																	2,840.11	59.21
	Const.																				
	Total	49,271.19	1,044.77	415.58	2,734.08					252.26	1,925.65			1,226.56	2,453.12					51,165.59	1,066.77
31	Miles	50.615		0.787						3.458				1.200						56.060	
	M-1	3,237.64	63.97	94.65	120.27					1,835.13	530.69			403.15	335.96					5,570.57	99.37
	M-3	19,607.51	387.39	398.76	506.53					1,464.67	423.56			160.02	133.35					21,630.96	385.85
	M-4	931.16	18.40	72.41	92.01					43.46	12.57									1,047.03	18.68
	M-5	357.54	7.05							538.34	155.63									895.88	15.98
	M-7	11,608.14	229.34																	11,608.14	207.07
	M-8	5,257.33	103.88	1,235.18	1,569.43															6,493.01	115.82
	Const.																				
	Total	40,999.82	810.03	1,801.0	2,288.44					3,881.60	1,122.50			563.17	469.31					47,245.59	842.77
S-31	Miles	18.070								2.600		2.600		0.499						18.469	
	M-1	559.54	42.80							2,763.14	1,201.38	3,980.35	1,530.90	720.23	1,441.46					8,042.28	435.45
	M-2	2,684.39	205.39																	2,684.39	145.34
	M-3	4,358.28	333.46							468.02	203.49	626.45	240.94	145.70	292.18					5,598.55	303.13
	M-4	413.40	31.63							65.01	28.27	30.78	11.84	11.02	22.08					520.21	28.17
	M-5									619.96	269.55	1,694.62	651.78							2,314.58	125.32
	M-7	18.91	1.29																	16.91	.92
	M-8	10,211.80	781.32									36.39	14.00	965.42	1,931.91					11,213.21	607.14
	Const.	826.65																		826.65	
	Total	19,070.97	1,395.89							3,915.13	1,702.67	6,368.59	2,449.46	1,861.09	3,729.63					31,216.78	1,645.47
32	Miles	9.600		7.158		3.819														20.577	
	M-1	1,353.08	140.95	779.12	108.85	484.28	126.81													2,616.48	127.16
	M-2	79.18	8.25	488.32	68.22															567.50	27.58
	M-3	2,822.90	294.05	2,072.80	289.58	817.85	214.15													5,713.55	277.67
	M-4	212.47	22.13	54.03	7.55	17.27	4.52													283.77	13.79
	M-7	1,179.60	122.87	2,144.35	299.57	386.50	101.30													3,710.45	180.31
	Const.																				
	Total	5,647.23	588.25	5,538.62	773.77	1,705.90	446.68													12,891.75	626.51
33	Miles	33.932		1.200		2.614														37.746	
	M-1	1,961.45	57.81	157.34	131.12	517.34	197.92													2,636.13	69.84
	M-2	1,041.14	30.63			191.80	73.37													1,232.94	32.66
	M-3	19,037.47	561.05	986.81	822.34	478.68	183.12													20,502.96	543.19
	M-4	731.52	21.56																	731.52	19.38
	M-7	6,427.60	189.42	283.03	235.86	506.58	193.79													7,217.21	191.20
	M-8			76.72	63.93															76.72	2.03
	Const.																				
	Total	29,199.18	860.52	1,503.90	1,253.25	1,694.40	648.20													32,397.48	858.30
34	Miles	25.683				0.097														25.780	
	M-1	2,264.05	88.15																	2,264.05	87.82
	M-3	31,067.22	1,209.64																	31,067.22	1,205.09
	M-4	677.73	26.39																	677.73	26.29
	M-7	27,329.32	1,064.10																	27,329.32	1,060.10
	M-8	3,724.67	145.02																	3,724.67	144.48
	Const.																				
	Total	65,062.99	2,533.30																	65,062.99	2,523.78
35	Miles	51.968		2.210		13.920								.437		.282		.133		68.950	
	M-1	8,051.03	154.93	396.38	179.36	2,361.72	169.66							1,059.43	2,424.32	77.24	273.90	55.46	416.99	12,001.26	174.06
	M-3	41,269.28	794.12	90.25	40.84	6,404.02	460.06							153.75	351.83					47,917.30	694.95
	M-4	2,315.67	44.56			135.75	9.75							86.50	197.94					2,537.92	36.81
	M-5	721.43	13.88											1,264.09	2,892.65					1,985.52	28.80
	M-7	9,506.79	182.93											26.90	61.56					9,533.69	138.27
	M-8	2,715.07	52.25																	2,715.07	39.38
	Const.													2,590.67	5,928.30	77.24	273.90	55.46	416.99	76,690.76	1,112.27
	Total	64,579.27	1,242.67	486.63	220.20	8,901.49	639.47													14.340	
36	Miles	14.100		.240																2,366.96	165.06
	M-1	2,365.72	167.78	1.24	5.17															9,998.76	697.27
	M-3	9,998.76	709.14																	543.82	37.92
	M-4	543.82	38.57																	2,110.27	147.16
	M-5	2,110.27	149.66																	1,600.54	111.61
	M-7	1,600.54	113.51																		
	Const.																				
	Total	16,619.11	1,178.66	1.24	5.17															16,620.35	1,159.02

ANALYSIS OF 1941 ROAD MAINTENANCE COSTS BY ROUTE, TYPE OF PAVEMENT AND CLASS OF WORK

Schedule # 9-E

ORDINARY MAINTENANCE:
M-1 Work on surface - travelled width
M-2 Work on paved shoulders
M-3 Work on drains, ditches, unpaved shoulders
M-4 Work on Guard Rails and fences
Const.-Cost incurred on jobs not maintained for FULL year.

EXTRAORDINARY REPAIRS:
E-5 Resurfacing, rebuilding, heavy patching - main pavement
E-6 Rebuilding paved shoulders
E-7 Rebuilding drains, new ditching, rebuilding unpaved shoulders
E-8 Replacing guard rails and fences

Rt.	Class of Work	CONCRETE TOTAL COST	CONCRETE COST PER MILE	BITUMINOUS CONCRETE STONE BASE TOTAL COST	BITUMINOUS CONCRETE STONE BASE COST PER MILE	BITUMINOUS CONCRETE CONCRETE BASE TOTAL COST	BITUMINOUS CONCRETE CONCRETE BASE COST PER MILE	STONE BLOCK TOTAL COST	STONE BLOCK COST PER MILE	MACADAM TOTAL COST	MACADAM COST PER MILE	GRAVEL TOTAL COST	GRAVEL COST PER MILE	BITUMINOUS MACADAM TOTAL COST	BITUMINOUS MACADAM COST PER MILE	BRICK TOTAL COST	BRICK COST PER MILE	DIRT, CINDERS, ETC. TOTAL COST	DIRT, CINDERS, ETC. COST PER MILE	TOTAL TOTAL COST	TOTAL COST PER MILE
37	Miles	23.582				.719						2.801		1.038						28.140	
	M-1	$ 628.48	$ 26.65	$	$	$ 1,240.65	$ 1,725.52	$	$	$	$	$ 4,397.05	$ 1,569.82	$ 249.07	$ 239.96		$	$	$	$ 6,515.25	$ 231.54
	M-2	51.92	2.20																	51.92	1.84
	M-3	14,317.56	607.15			427.77	594.95					2,125.83	758.95	1,069.35	1,030.20					17,940.51	637.54
	M-4	267.03	11.32											48.88	47.09					315.91	11.23
	M-7	2,147.19	91.05									54.01	19.28	1,323.66	1,275.20					3,524.86	125.26
	Const.																				
	Total	17,412.18	738.37			1,668.42	2,320.47					6,576.89	2,348.05	2,690.96	2,592.45					28,348.45	1,007.41
38	Miles	16.801																		16.801	
	M-1	1,023.09	60.89																	1,023.09	60.89
	M-3	21,701.46	1,291.68																	21,701.46	1,291.68
	M-4	603.51	35.92																	603.51	35.93
	M-5	155.56	9.26																	155.56	9.26
	M-7	3,154.11	187.73																	3,154.11	187.72
	Const.	2,289.51																		2,289.51	
	Total	28,927.24	1,585.48																	28,927.24	1,585.48
39	Miles	29.679		8.000		.249								.521						38.449	
	M-1	1,355.02	45.66	968.47	121.06	61.69	247.75													2,507.43	65.21
	M-3	15,817.57	532.95	16,003.69	2,000.46									122.25	234.64					31,835.64	828.00
	M-4	203.97	6.87	96.21	12.03									14.38	27.60					300.18	7.81
	M-5	5,032.42	169.56																	5,032.42	130.88
	M-7	2,218.06	74.73	94.19	11.77															2,335.47	60.74
	M-8	2,409.60	81.19											23.22	44.57					2,409.60	62.67
	Const.																				
	Total	27,036.64	910.96	17,162.56	2,145.32	61.69	247.75													44,420.74	1,155.31
40	Miles	55.041		3.052										159.35	306.91					58.093	
	M-1	3,314.90	60.23	2,077.35	680.65															5,392.25	92.82
	M-2	5.13	.09																	5.13	.09
	M-3	58,451.66	1,061.96	1,036.01	339.45															59,487.67	1,024.00
	M-4	1,308.39	23.77																	1,308.39	22.53
	M-5	310.36	5.64																	310.36	5.35
	M-7	12,378.64	224.90																	12,378.64	213.08
	M-8	45.00	.82																	45.00	.77
	Const.																				
	Total	75,814.08	1,377.41	3,113.36	1,020.10															78,927.44	1,358.64
S-40	Miles	23.190																		23.190	
	M-1	1,143.80	49.32																	1,143.80	49.32
	M-3	15,622.78	673.69																	15,622.78	673.69
	M-4	1,318.63	56.86																	1,318.63	56.86
	M-7	2,836.59	122.32																	2,836.59	122.32
	Const.																				
	Total	20,921.80	902.19																	20,921.80	902.19
41	Miles	9.001												.389						9.390	
	M-1	507.29	56.36																	1,706.02	181.68
	M-3	8,440.60	937.74											1,108.73	[illegible]					8,817.22	939.00
	M-4	79.52	8.83											[illegible]	[illegible]					99.43	10.59
	M-7	602.28	66.91											[illegible]	[illegible]					602.28	64.14
	Const.																				
	Total	9,629.69	1,069.84																	11,274.95	1,195.41
S-41	Miles	18.768		0.520						1.340				1,555.26	4,100.92					20.628	
	M-1	603.70	32.17	25.45	48.94					212.47	158.56									841.62	40.79
	M-3	15,065.91	856.02	546.58	1,051.11					157.44	117.49									16,769.53	812.97
	M-4	191.44	10.20																	191.42	9.28
	M-7	1,605.17	85.53																	1,605.17	77.82
	M-8	1,012.20	53.93																	1,012.20	49.07
	Const.																				
	Total	19,478.42	1,037.85	572.03	1,100.05					369.91	276.05									20,420.36	989.93
42	Miles	42.921				3.435														46.356	
	M-1	1,647.16	38.38			547.55	159.40													2,194.71	47.34
	M-2	1,196.21	27.87																	1,196.21	25.80
	M-3	22,285.88	519.22			2,043.62	594.94													24,329.50	524.84
	M-4	119.55	2.79																	119.55	2.59
	M-5	250.35	5.83																	250.35	5.40
	M-7	9,162.14	213.47																	9,162.14	197.65
	M-8	2,519.96	58.71																	2,519.96	54.36
	Const.																				
	Total	37,181.25	866.27			2,591.17	754.34													39,772.42	857.98
43	Miles	47.869										* 15.800								47.869	
	M-1	9,193.34	192.05									3,558.42	225.22							12,751.76	266.39
	M-3	20,690.08	432.22																	20,690.08	432.22
	M-4	723.64	15.12																	723.64	15.12
	M-5	5,477.09	114.42																	5,477.09	114.42
	M-7	16,451.05	343.67																	16,451.05	343.66
	Const.																				
	Total	52,535.20	1,097.48									3,558.42	225.22							56,093.62	1,171.81

* Route #43 Narrow Gravel Pavement 10' to 11' wide - Parallel to Concrete, not included in the total of miles.

ANALYSIS OF 1941 ROAD MAINTENANCE COSTS BY ROUTE, TYPE OF PAVEMENT AND CLASS OF WORK

Schedule # 9-F

ORDINARY MAINTENANCE:
M-1 Work on surface - travelled width
M-2 Work on paved shoulders
M-3 Work on drains, ditches, unpaved shoulders
M-4 Work on Guard Rails and fences
Const.-Cost incurred in jobs not maintained for FULL year.

EXTRAORDINARY REPAIRS:
E-5 Resurfacing, rebuilding, heavy patching - main pavement
E-6 Rebuilding paved shoulders
E-7 Rebuilding drains, new ditching, rebuilding unpaved shoulders
E-8 Replacing guard rails and fences

Rt.	Class of Work	CONCRETE TOTAL COST	CONCRETE COST PER MILE	BITUMINOUS CONCRETE STONE BASE TOTAL COST	BITUMINOUS CONCRETE STONE BASE COST PER MILE	BITUMINOUS CONCRETE CONCRETE BASE TOTAL COST	BITUMINOUS CONCRETE CONCRETE BASE COST PER MILE	STONE BLOCK TOTAL COST	STONE BLOCK COST PER MILE	MACADAM TOTAL COST	MACADAM COST PER MILE	GRAVEL TOTAL COST	GRAVEL COST PER MILE	BITUMINOUS MACADAM TOTAL COST	BITUMINOUS MACADAM COST PER MILE	BRICK TOTAL COST	BRICK COST PER MILE	DIRT, CINDERS ETC. TOTAL COST	DIRT, CINDERS ETC. COST PER MILE	TOTAL TOTAL COST	TOTAL COST PER MILE
44	Miles	15.617		8.600						2.435				2.718						29.370	
	M-1	$ 3,219.11	$ 206.13	$ 1,751.62	$ 203.68		$	$	$	$ 1,758.26	$ 722.08		$	$ 3,108.38	$ 1,143.63		$	$	$	$ 9,837.37	$ 334.95
	M-3	8,007.76	512.76	4,018.40	467.25					168.68	69.27			1,442.99	530.90					13,637.83	464.35
	M-4	262.24	16.79	71.41	8.30									149.03	54.83					482.68	16.43
	M-5	917.51	58.75																	917.51	31.24
	M-7	1,791.36	114.71	76.10	8.85															1,867.46	63.58
	Const.	1,908.92																		1,908.92	
	Total	16,106.90	909.14	5,917.53	688.08															28,651.77	910.55
45	Miles	30.321		6.591		0.242				1,926.94	791.35			4,700.40	1,729.36					38.084	
	M-1	7,339.83	242.07	2,990.24	453.68	60.03	248.06													10,497.32	275.63
	M-2	245.50	8.10											0.930						245.50	6.45
	M-3	18,714.18	617.20	3,334.87	505.97									107.22	115.29					22,049.05	578.96
	M-4	476.02	15.70	43.79	6.65															519.81	13.65
	M-5	18,295.02	603.38																	18,295.02	480.38
	M-7	11,445.33	377.47																	11,445.33	300.53
	Const.																				
	Total	56,515.88	1,863.92	6,368.90	966.30	60.03	248.06							107.22	115.29					63,052.03	1,655.60
46	Miles	20.667																		20.667	
	M-1	1,796.36	86.92																	1,796.36	86.92
	M-3	14,783.42	715.31																	14,783.42	715.31
	M-4	418.79	20.26																	418.79	20.26
	M-7	169.18	8.19																	169.18	8.19
	M-8	112.23	5.43																	112.23	5.43
	Const.																				
	Total	17,279.98	836.11																	17,279.98	836.11
47	Miles	42.784		11.058												0.500				54.342	
	M-1	1,886.41	44.09	4,218.20	381.46											22.86	45.72			6,127.47	112.76
	M-3	34,830.10	814.09	10,534.20	952.63											33.23	66.46			45,397.53	835.40
	M-4	339.82	7.94	52.88	4.78															392.70	7.23
	M-5	882.73	20.63																	2,981.22	54.86
	M-7	2,975.12	69.54	139.23	12.59											2,098.49	4,196.98			3,114.35	57.31
	M-8	131.77	3.08																	131.77	2.42
	Const.																				
	Total	41,045.95	959.37	14,944.51	1,351.46															58,145.04	1,069.98
48	Miles	34.315		8.026		22.596										2.154.58	4,309.16			64.937	
	M-1	2,252.57	65.64	5,446.34	678.59	2,154.27	95.34													9,853.18	151.73
	M-3	20,202.83	588.75	2,568.86	320.07	13,832.57	612.17													36,604.26	563.69
	M-4	301.85	8.80	1.90	.24	179.13	7.93													482.88	7.44
	M-5	6,049.87	176.30	507.77	63.26															6,557.64	100.98
	M-7	935.70	27.27	3,990.41	497.18															4,926.11	75.86
	M-8	4,926.11	143.55	686.43	85.53															5,612.54	86.43
	Const.																				
	Total	34,678.93	1,010.31	13,201.71	1,644.87	16,165.97	715.44													64,036.61	986.13
49	Miles	42.135		0.313		9.880						0.896				0.250				53.474	
	M-1	2,515.12	59.69	101.97	325.78	785.29	79.48					128.67	143.60			116.64	466.56			3,647.69	68.21
	M-3	22,099.61	524.50			3,071.59	310.89					130.58	145.74			252.47	1,009.88			25,554.25	477.88
	M-4	797.04	18.92									36.29	40.50							833.33	15.58
	M-5	6,283.15	149.12																	6,283.15	117.50
	M-7	943.08	22.38																	943.08	17.64
	Const.	440.09																		440.09	
	Total	33,078.09	774.61	101.97	325.78	3,856.88	390.37					295.54	329.84			369.11	1,476.44			37,701.59	696.81
S-49	Miles	13.460																		13.460	
	M-1	363.76	27.03																	363.76	27.03
	M-3	9,986.41	741.93																	9,986.41	741.93
	M-4	240.24	17.84																	240.24	17.84
	Const.																				
	Total	10,590.41	786.80																	10,590.41	786.80
50	Miles	25.141				0.200														25.341	
	M-1	1,235.21	49.13			24.16	120.80													1,259.37	49.69
	M-3	14,377.49	571.87			426.60	2,133.00													14,804.09	584.19
	M-4	472.50	18.79																	472.50	18.65
	M-5	33.91	1.35																	33.91	1.34
	M-8	75.39	3.00																	75.39	2.78
	Const.																				
	Total	16,194.50	644.14			450.76	2,253.80													16,645.26	656.85
51	Miles	0.342																		.342	
	M-1	92.31	269.91																	92.31	269.91
	M-2	33.02	96.55																	33.02	96.55
	M-3																				
	M-4																				
	Const.																				
	Total	125.33	366.46															5,333.58		5,333.58	
																		5,333.58		5,458.91	366.46

ANALYSIS OF 1941 ROAD MAINTENANCE COSTS BY ROUTE, TYPE OF PAVEMENT AND CLASS OF WORK

Schedule # 9-G

ORDINARY MAINTENANCE:
M-1 Work on surface - travelled width
M-2 Work on paved shoulders
M-3 Work on drains, ditches, unpaved shoulders
M-4 Work on Guard rails and fences
Const.-Cost incurred on jobs not maintained for FULL year

EXTRAORDINARY REPAIRS:
E-5 Resurfacing, rebuilding, heavy patching - Main pavement
E-6 Rebuilding paved shoulders
E-7 Rebuilding drains, new ditching, rebuilding unpaved shoulders
E-8 Replacing guard rails and fences

Class of Work	CONCRETE		BITUMINOUS CONCRETE STONE BASE		BITUMINOUS CONCRETE CONCRETE BASE		STONE BLOCK		MACADAM		GRAVEL		BITUMINOUS MACADAM		BRICK		DIRT, CINDERS ETC.		TOTAL	
	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE
Miles	1351.516		89.781		134.209		9.631		19.423		20.456		17.259		1.546		23.189		1666.043	
M-1	$137,129.42	$ 101.46	$29,463.72	$ 328.17	$22,315.51	$ 166.27	$ 4,261.62	$ 491.88	$19,120.72	$ 984.44	$16,885.46	$ 825.45	$12,001.44	$ 695.37	$ 423.87	$ 274.17	$ 4,731.48	$ 204.04	$ 246,333.24	$ 147.85
M-2	78,511.30	58.83	499.26	5.56	2,599.19	19.36													82,609.04	49.53
M-3	824,933.25	610.38	55,506.26	618.24	61,048.41	454.88	13,889.90	1,603.17	3,493.38	179.86	8,931.31	436.61	6,895.48	399.53	365.75	236.58	1,180.57	50.91	976,244.31	585.97
M-4	35,026.14	25.92	1,143.73	12.74	1,236.82	9.22	407.60	47.05	292.54	15.06	664.37	32.48	826.59	47.89			138.21	5.96	39,736.00	23.85
E-5	138,850.30	102.74	601.79	6.70	3,283.69	24.47			1,292.53	66.54	1,981.23	96.85	7,984.66	462.64	2,098.49	1,357.37			156,092.68	93.69
E-7	231,723.08	171.45	16,455.31	183.28	6,820.57	50.82	72.47	8.36			1,808.34	88.40	1,978.62	114.64			2,026.71	87.40	260,885.10	156.59
E-8	92,725.11	68.61	1,996.33	22.23	660.13	4.92	456.97	52.74			125.53	6.14	1,573.79	91.19					97,539.91	58.55
Total	1,539,898.60		105,668.40		97,963.65		19,088.56		24,199.17		30,396.24		31,250.53		2,888.11		8,076.97		1,859,440.28	
Const	12,018.79										1,505.95		1,109.31				6,015.13		20,649.13	
Grand Total	1,551,917.39	1,139.39	105,668.40	1,176.95	97,963.65	729.94	19,088.56	2,203.20	24,199.17	2,245.90	31,902.19	1,485.93	32,369.89	1,811.26	2,888.11	1,868.12	14,092.10	348.31	1,880,089.46	1,116.08

ANALYSIS OF 1941 ROAD MAINTENANCE COST BY ROUTE AND TYPE OF PAVEMENT

ROUTE	TOTAL		CONCRETE		BITUMINOUS CONCRETE STONE BASE		BITUMINOUS CONCRETE CONCRETE BASE		STONE BLOCK		MACADAM		GRAVEL		BITUMINOUS MACADAM		BRICK		DIRT, CINDERS ETC.	
	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE
1	$ 40,646.14	$1,584.00	$ 27,629.90	$1,372.64	$ 9,141.85	$ 3,058.51	$ 388.63	$ 292.20	$ 2,224.63	$ 5,271.63	$	$	$	$	$ 1,261.13	$1,686.89	$	$	$	$
S-1	4,834.92	1,537.34	4,829.68	1,579.35			5.24	60.23												
S-1A	639.93	306.05	639.93	306.05																
2	51,850.42	1,978.95	51,482.84	1,985.84																
3	17,799.28	2,253.36	17,519.87	2,240.67																
S-3	1,795.12	2,210.73	64.97	85.15			10.56	162.46							367.58	1,331.81				
4	149,862.75	927.58	118,457.65	953.15	375.17	409.57	13,343.68	743.79							268.85	17,923.33				
S-4	3,944.88	1,558.42	2,438.93	1,558.42											1,730.15	35,309.18				
S-4B	338.53	21.01											13,393.08	953.11	4,025.75	1,013.78	267.42	668.55		
5	7,348.76	1,653.26	7,071.25	2,037.82									1,505.95							
6	34,754.56	934.27	57,675.83	1,032.71	262.85	925.52	14.66	21.21											338.53	21.01
S-6	336.69	187.15	123.30	132.30	944.82	328.18	2,820.57	497.98	119.14	234.99										
7	1,815.21	341.85	147.73	120.79	213.39	246.12											19.76	173.33	3,174.44	738.76
8	12,206.54	509.58	10,015.14	420.27			1,632.97	419.03	34.51	181.63										
10	23,671.13	976.94	18,241.02	950.60	3,508.17	923.93														
12	21,419.84	1,267.45	13,070.00	1,322.87					1,898.70	1,680.93					2,191.40	17,672.58				
13E	203.72	1,093.92													23.29	541.63				
21	6,138.41	1,188.69	3,878.95	1,989.07							3,319.01	1,005.76			5,030.83	1,352.36				
22	5.14	34.96	5.14	34.96			2,214.90	715.17					203.72	1,093.92						
23	49,461.73	895.60	33,314.57	724.29											44.56	512.18				
24	23,239.15	723.40	18,021.00	728.71	1,476.16	642.09	10.44	261.00												
S-24	14,305.42	1,298.72	13,997.43	1,337.55			3,601.58	740.30	140.41	607.84	10,533.32	1,630.79			433.37	5,285.00			5,170.03	1,950.95
25	196,680.60	1,795.37	149,610.76	1,849.25	15,769.40	946.26	30.74	76.68												
26	32,162.80	1,244.30	31,708.92	1,260.24			16,084.31	2,387.10	14,511.55	2,913.07					277.25	1,860.73				
27	49,792.29	1,121.39	30,091.60	1,652.93	2,725.84	3,320.14	453.88	660.67							704.58	2,763.05				
28	54,658.17	961.32	52,056.84	1,028.45	121.21	582.74	16,815.23	693.81	159.62	140.02										
S-28	13,854.90	1,747.15	13,338.93	1,751.67			2,460.06	409.19												
29	71,071.06	1,439.05	70,151.57	1,439.97															20.06	
29A	1,341.41	447.58	1,341.41	447.58			919.49	1,376.48							515.97	1,638.00				
30	51,165.59	1,066.77	49,271.19	1,044.77	415.58	2,734.08														
31	47,245.59	842.77	40,999.82	810.03	1,801.00	2,288.44					252.26	1,925.65			1,226.56	2,453.12				
S-31	31,216.78	1,645.47	19,070.97	1,395.89							3,881.60	1,122.50			563.17	469.31				
32	12,891.75	626.51	5,647.23	588.25	5,538.62	773.77	1,705.90	446.68			3,916.13	1,702.67	6,368.59	2,449.46	1,861.09	3,729.63				
33	32,397.48	853.30	29,199.18	860.52	1,503.90	1,253.25	1,694.40	648.20												
34	65,062.99	2,523.78	65,062.99	2,533.30																
35	76,690.76	1,112.27	64,579.27	1,242.67	486.63	220.20	8,901.49	639.47												
36	16,620.35	1,159.02	15,619.11	1,178.66	1.24	5.17									2,590.67	5,928.30	77.24	273.90	55.46	416.99
37	28,348.45	1,007.41	17,412.18	738.37			1,668.42	2,320.47												
38	28,927.24	1,585.48	28,927.24	1,585.48									6,576.89	2,348.05	2,690.96	2,592.45				
39	44,420.74	1,155.31	27,036.64	910.96	17,162.56	2,145.32	61.69	247.75												
40	78,927.44	1,358.64	75,814.08	1,377.41	3,113.36	1,020.10									159.85	306.81				
S-40	20,921.80	902.19	20,921.80	902.19																
41	11,224.05	1,195.41	9,629.69	1,069.84																
S-41	20,420.36	989.93	19,478.42	1,037.85	572.03	1,100.05					369.91	276.05			1,595.26	4,100.92				
42	39,772.42	857.98	37,181.25	866.27			2,591.17	754.34												
43	56,093.62	1,171.81	52,535.20	1,097.48																
44	28,651.77	910.55	16,106.90	909.14	5,917.53	688.08							3,558.42	225.22						
45	63,052.03	1,655.60	56,515.88	1,863.92	6,388.90	966.30	60.03	248.06			1,926.94	791.35			4,700.40	1,729.36				
46	17,279.98	836.11	17,279.98	836.11											107.22	115.29				
47	58,145.04	1,069.98	41,045.95	959.37	14,944.51	1,351.46														
48	64,036.61	586.13	34,668.93	1,010.31	13,201.71	1,644.87	16,165.97	715.44									2,154.58	4,309.16		
49	37,701.59	696.81	33,078.09	774.61	101.97	325.78	3,856.88	390.37												
S-49	10,590.41	786.80	10,590.41	786.80									295.54	329.84			369.11	1,476.44		
50	16,645.26	656.85	16,194.50	644.14			450.76	2,253.80												
51	5,458.91	366.46	125.33	366.46																
GRAND TOTAL	$1,880,089.46	$1,116.08	1,551,917.39	1,139.39	$105,668.40	$1,176.95	$97,963.65	$ 729.94	$19,088.56	$2,203.20	$24,199.17	$1,245.90	$31,902.19	$1,485.93	$32,369.89	$1,811.26	$2,888.11	$1,868.12	$14,092.10	$348.31

Total Mileage 1666.043

ANNUAL REPORT

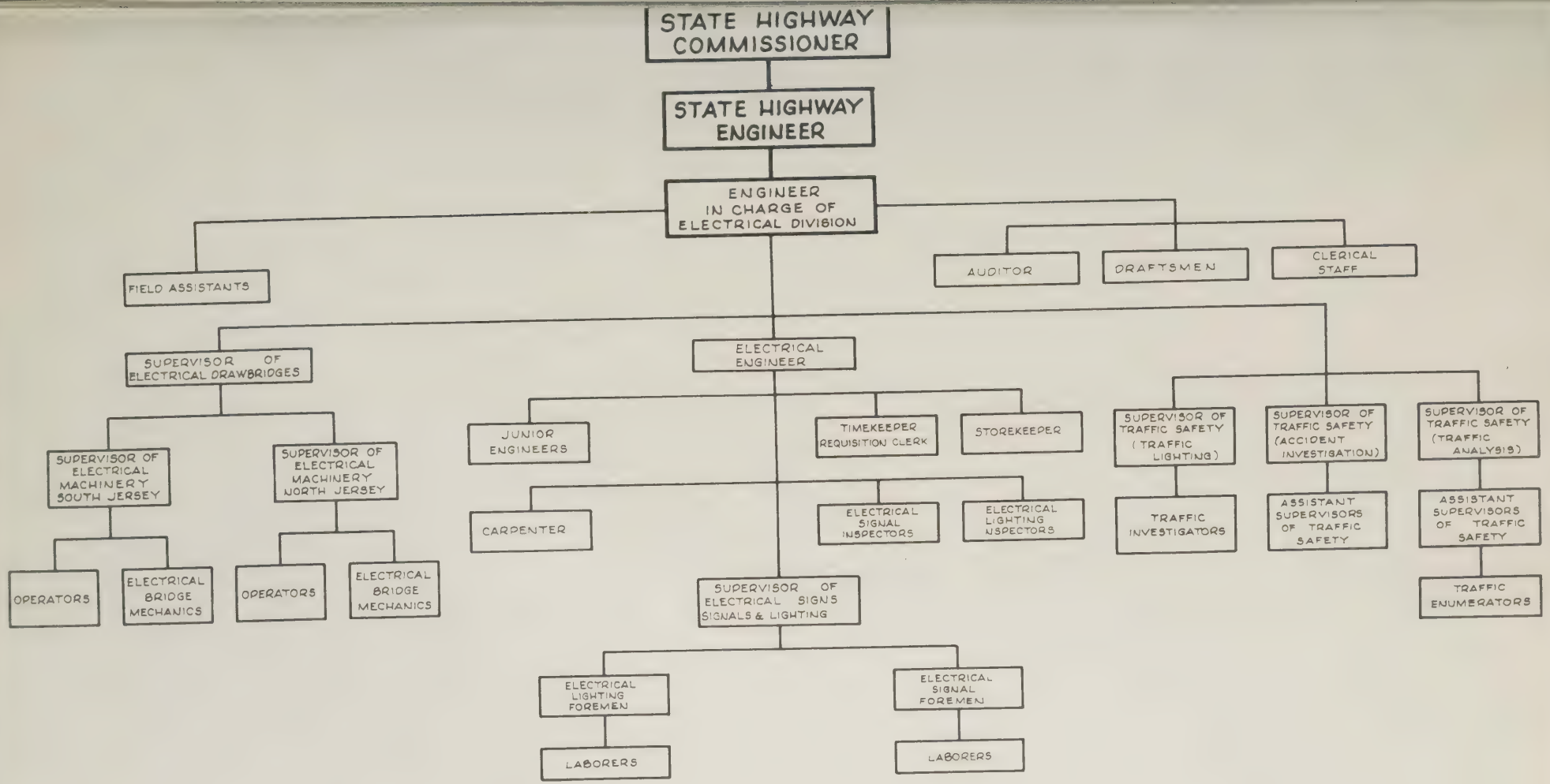
OF THE

ELECTRICAL DIVISION

NEW JERSEY STATE HIGHWAY DEPARTMENT

FOR THE YEAR

1941



NEW JERSEY STATE HIGHWAY DEPT.

ELECTRICAL DIVISION ORGANIZATION

1941

NEW JERSEY STATE HIGHWAY DEPARTMENT

ELECTRICAL DIVISION

1941 ANNUAL REPORT

E. R. Sherbaum
Electrical Division Engineer

Mr. James Logan,
State Highway Engineer

I am submitting herewith a detailed report covering the operation of the Electrical Division from January 1st to December 31st, 1941, and recommendations for the 1942 Program. The functions of the Electrical Division are subdivided as follows:

1. HIGHWAY SAFETY LIGHTING BUREAU
2. TRAFFIC SIGNAL BUREAU
3. ELECTRIC SIGNS BUREAU
4. BUREAU OF BRIDGE OPERATION
5. SAFETY BUREAU

HIGHWAY SAFETY LIGHTING BUREAU

Commissioner Sterner's Highway Safety Lighting program has been completed on most of the important sections of the State Highway System. The three plans for Highway Safety Lighting installation are:

A. The Municipal Reimbursement Program
B. The Joint County and State Highway Intersection Program
C. 100% State Lighting Program

A. Municipal Reimbursement Program

One hundred ninety-four (194) municipalities have negotiated and completed agreements for municipal and State highway lighting reimbursement with this Bureau during 1941. Three municipalities have revised their existing safety lighting programs due to the realignment of the roadway. Savings effected in prior years will continue and taxpayers in municipalities which have taken advantage of this program, will, in 1942, save a total of $135,400.00 which their municipalities would otherwise have had to pay in addition to the local street lighting cost.

One hundred twenty-two (122) 1000 C.P. units; three thousand, seven hundred fifty-one (3751) 600 C.P. units; two thousand, four hundred twenty-nine (2429) 400 C.P. units; and eighty-one (81) 250 C.P. units; making a total of six thousand, three hundred eighty-three (6383) safety highway lighting units, are now installed under the Municipal State Highway Reimbursement Agreement program. A detailed schedule showing the various municipal lighting installations before and after the highway safety lighting programs were installed, existing present municipal costs, number of safety highway lighting units, State highway reimbursement and savings or increases in cost effected in each municipality, are incorporated and appended to this report. A list of municipal programs, including municipalities which have changed their lighting program during 1941 is also attached.

The only sodium vapor installation on the State Highway System now in service is located on Route 24 through the Borough of Madison. This installation of seventy-one (71) 1000 C.P. sodium vapor units has been continued since 1938. The remaining sodium vapor lighting installations were conducted on experimental stretches as 100% State lighting and were discontinued in 1940. Because of the peculiar cautionary amber glow of sodium lighting, it could be used extensively at traffic circles and grade separations where motorists should be warned of impending hazards or changes in the condition of the roadway. The high maintenance and installation costs remove the sodium vapor method of lighting from the field of practical use at the present time in New Jersey. If, however, the public could be educated to appreciate its proper use and the manufacturers and utility companies would produce and maintain these

units at rates that are favorably comparable with incandescent units, its use in such places as mentioned above should become a standard lighting policy.

B. Joint County and State Intersection Program

Important intersections of County roads and State highways will continue to be lighted in 1942 through this joint program, except in Morris County, where the Board of Freeholders had previously refused to negotiate for reimbursement, and in a few other isolated County intersections where highway lighting could not be justified. The revisions of the 1941 County programs will in 1942 effect a slight joint saving to this Department and the various counties participating in this type of program. Nine hundred fifty-eight (958) intersections in the twenty counties will be lighted with five hundred twenty-nine (529) 600 C.P. units, seven hundred forty-eight (748) 400 C.P. units, and two hundred eighty-three (283) 250 C.P. units, making a total of one thousand, five hundred sixty (1560) highway safety lighting units under this program.

C. 100% State Lighting

100% State lighting includes the lighting of State highways, bridges, viaducts, traffic circles, grade separations, cloverleafs and experimental projects. The policy is to install a sufficient number of units to provide adequate safety lighting. Where other installations were warranted and the municipality could not for some reason avail itself of State Highway reimbursement funds, this Bureau has recommended to Commissioner Sterner the installation of a sufficient number of 250 C.P. units to provide adequate safety lighting and the entire cost of such installation, when approved, was borne by the State Highway Department. Under this policy there

are eleven (11) 1000 C.P. units, one thousand fifty-four (1054) 600 C.P. units, two thousand five hundred eighteen (2518) 400 C.P. units, and one thousand three hundred forty-four (1344) 250 C.P. units, making a total of four thousand nine hundred twenty-seven (4927) units at two hundred sixty-six (266) locations stationed along the State Highway system. Four additional (State Highway-owned equipment) lighting installations were designed and installed by this Bureau in 1941. Fourteen (14) 400 C.P. lamps were installed at the Routes 39-40 Red Lion Circle and twenty-two (22) 400 C.P. units at the Route 35 Eatontown Circle. These two installations were made with the Neoprene jacketed cable, buried in the ground, rather than the usual conduit. The series lighting circuit provides current for highway lighting, and also the fluorescent signs through one underground circuit. These two installations will eliminate the wooden poles within their specific areas. The remaining two installations were made on Route 6 -- one at the Rockaway River Bridge (8-400 C.P. units) and one in the area of the Clifton High School (2-400 C.P.).

As a result of requests made for defense lighting by the State Defense Council, this Bureau is in the process of designing and installing 814 units at thirty-three (33) draw bridges and 212 units at fourteen (14) fixed span bridges. This lighting will be installed purely for defense purposes to light the bridge piers and other parts of the bridge structure.

Studies will be made during 1942 for seasonal lighting to be installed in areas or at locations where safety lighting cannot be justified during the entire year. Efforts will be made to have the utility companies cooperate in order that proportionate rates can be established.

Our insistent demand for lower rates, together with savings realized in prior years by this Division, will this year again result in a direct saving of $45,000 to the State Highway Department.

I again recommend that a study be made by our Legal Division to determine whether we cannot insist on the right to install State-owned lighting equipment and circuits on all utility company poles on the State Highway Department right-of-way. I am convinced that a large saving would accrue for this Department, if this were possible so that we could buy metered current and own the equipment, or only buy current and maintenance service.

TRAFFIC SIGNALS BUREAU

During 1941 the Traffic Signal Bureau revamped one semi-actuated traffic signal, revised one semi-actuated to a fully actuated traffic signal and installed nine semi-actuated traffic signals, two pre-fixed traffic signals, one flasher and two manual operated traffic signals. On December 31, 1941, 124 signals were in operation at the intersections of roadways with the New Jersey State Highway system and 28 signals on bridges to control highway traffic during bridge operations. This Bureau made 2,469 routine inspections of traffic signals and had 235 emergency calls. Tabulation of the monthly inspection, emergency calls and types of signal operation of the various signals will be found on page 42.

The United States Army, Federal Agencies and Defense Plants are making numerous requests for the installation of traffic signals on the State Highway system and entrances to the various Army Camps or Defense Plants. When justified, these locations are given priority

to the requests being received from municipalities for the installation of traffic signals. Thirty-two of these locations are now under consideration for installations to be made during 1942.

As I pointed out in the previous annual report of this Division, many signals and flashers on the State Highway System, not under the supervision and control of this Bureau, are in need of repair and revamping to conform with the standards established by the State. The financial condition of the majority of municipalities and certain counties prevents their negotiating with Commissioner Sterner for the necessary revamping of signals and new intersection installations.

It is again respectfully recommended that a fixed amount of $1,500 be established as a maximum amount required of localities or counties as their share for revamping, or for new installation costs of traffic signals that may be approved by the Commissioner.

This recommendation is based upon the fact that signal installations such as would be required for local uses alone would cost a maximum of $1,500, and the extra cost that a municipality or county is now charged because of the additional requirements to accommodate State Highway traffic should rightfully be assumed by this Department.

Provisions are under consideration for methods to permit the control by blackout wardens or other authorized persons during blackout periods of traffic signal installations.

The maintenance and regular inspection of the ten (10) Taller and Cooper photo-electric cell traffic counters was assigned to this bureau during July, 1941. These machines were not operating

properly. Changes in design have been suggested and accepted by the manufacturer. With these improvements and the many inspection and maintenance services, they are now recording traffic in a reasonably satisfactory manner.

ELECTRIC SIGNS BUREAU

During 1941 the Electric Signs Bureau added two incandescent directionary signs at the Freehold Circle and revamped the existing obsolete signs at Bayway and Camden Circles to the fluorescent type. At seventeen (17) other new locations, thirty-six (36) cautionary and 110 directionary fluorescent signs were installed. On December 31, 1941 five hundred eighty-seven (587) electric directionary and cautionary signs were in operation at fifty-eight (58) locations. Construction work has been authorized on thirteen (13) additional locations for thirty-four (34) cautionary and one hundred two (102) directionary signs. With the exception of Routes No. 37 and No. 39 (White Horse Circle) and Route No. 2 (Ramsey Circle) where construction work has not been started, the basic work such as underground installations, necessary foundations, transformers, pits, conduits and services to utility company poles, were completed during the year for one hundred twelve (112) cautionary and directionary fluorescent signs at eleven (11) new locations. These additional basic installations were not placed in service during 1941 due to revisions by the manufacturer of necessary fluorescent lighting control equipment. As this equipment is received, it will be placed in service.

During 1942 experimental work will be continued with regular and flashing neon types of sign lighting, various types of fluorescent lighting and also with various plastic facings to replace the present light flashed opal glass and the protective wire glass panels, with the view of effecting economy in original purchase and replacement costs of glass due to breakage in handling and accidents. Consideration is being given to "blackout" requirement methods for shielding signs.

Experiments continued in the field during 1941 have caused this bureau to change to the use of neon fluorescent type of sign lighting wherever possible. The neon fluorescent type provides the same even distribution of whiter and brighter light as the low voltage regular fluorescent type now in use, but the neon fluorescent sign eliminates control equipment which has not operated to the complete satisfaction of this bureau.

It is recommended that all existing electric signs of the incandescent type be converted to the fluorescent type. This will result in a great reduction in operating cost and the additional saving in annual current consumption will be more than $8,000 per year.

BUREAU OF BRIDGE OPERATIONS

The duties of this sub-division are to prepare electric plans and specifications for the Bridge and Construction Divisions, and to inspect the installation of electrical machinery, lighting and traffic signal installations on State Highway structures. In addition, the forces of this bureau maintain and operate all operating

machinery, lighting and signal systems on the structures, including light and power systems, traffic signals, aviation and navigation beacons. It also includes periodic inspection of all lighting systems, sanitary conditions, the making of any necessary repairs and the supervision and training of all bridge operators and attendants.

Thirty-three (33) bridges now under the supervision of this bureau were opened thirty-nine thousand three hundred thirty-four (39,334) times for water traffic, and one thousand five hundred fifty-six (1556) times for routine tests, which caused a total delay of three thousand one hundred nineteen (3119) hours 8 minutes to motor vehicle traffic. Boat traffic at highway bridge crossings increased during 1941 with a slight decrease in delay to motor vehicle traffic. The replacement of the Route 25M Passaic River Bridge with a new vertical lift bridge providing forty-foot clearance at high water level has eliminated over eight thousand five hundred (8500) bridge openings, which during 1940 had caused six hundred eighty-five (685) hours' delay to motor vehicle traffic. This time delay elimination to motor vehicle traffic now plays a vital and important part to the many defense employees having to travel through the heart of the New Jersey defense construction area. The present construction of Route 35 (Cheesequake) Bridge, which will be completed sometime in 1943, will also relieve much congestion now caused by bridge openings at this location.

For the first time in State Highway Draw Bridge operation, traffic on both waterways and highways were permitted to travel with unrestricted freedom. Delay periods previously caused by mechanical failure or draw bridge expansion were eliminated during 1941.

Attendants who were familiar with draw bridge operation have been encouraged to take Civil Service examinations for the position of operator. This has resulted in the advancement of various attendants. These operators are in a position to recognize the cause of minor bridge failures and by promptly bringing them to the attention of the various maintenance crews, numerous defects are eliminated before they become serious or cause any trouble.

Stop lines have been painted and are repainted by the forces of this bureau every three months at bridges where manual traffic signals have been placed as a safety feature to control motor vehicle traffic during bridge openings. Defense Bulletins and instructions on bridge openings during the emergency are now in the hands of every bridge operator. Defense lighting on the various bridges required by the War Department is now being put into service. Boat traffic studies are continuously made at all of the Inland Waterway bridges for the Engineer's Office of the United States War Department. Other bridge studies have been made as requested by the Department's Designing Engineers.

I recommend that gatemen and other attendants while on duty in metropolitan and shore areas be provided with a cap and badge, and, if possible, a uniform, so that they can be readily distinguished from other persons who may be in the vicinity of the bridge. Some operators have already been sworn in by the neighboring municipality as special police while on duty. During the present emergency all operators should have some limited police power and be provided with a defense weapon. In order to take care of various emergency conditions, telephones have been installed at the various draw bridges.

I also recommend that for the duration of the emergency that all bridges have three eight-hour shifts of operators and attendants.

A minimum of lost time as a result of Commissioner Sterner's plan to use additional gate attendants in order to speed up the closing and opening of bridge gates during heavy traffic periods and particularly during the summer months, has again received the favorable approval of both motorists and boat operators. I recommend that additional gatemen be available during the 1942 summer months to permit the continuation of "the minimum delay policy" to motorists and boat operators because of the increasing motor traffic on our waterways and highways.

Comparative time studies of bridge openings for boat traffic, tests, and length of highway traffic delays for each bridge during 1940 and 1941 is attached to this report. A detailed analysis of the operating costs of the electrical drawbridges for 1940 and 1941 is also included.

SAFETY BUREAU

Fifty-six (56) traffic investigations for traffic signal installations. Fifty-one (51) highway lighting investigations. One hundred seven (107) accident location studies, and three hundred thirty (330) vehicle volume counts utilizing fifty-three thousand five hundred fifty-six (53,556) man days of labor were completed during 1941.

The two-year traffic counting period at fifteen (15) key stations requested by Commissioner Sterner on October 30, 1939, was completed on November 30, 1941. Monthly traffic bulletins indicating

total monthly, average day, peak days, peak hour directional traffic volume together with car and truck classifications have been forwarded regularly to the Commissioner, the Highway Engineer, the Construction Division, Engineer of Plans and Surveys and the United States Department of Public Roads and other agencies requiring traffic information. Short term traffic counts at locations designated by Commissioner Sterner were included from month to month.

Gasoline and rubber restrictions resulting from World War No. 2 has shown its effect on State Highway traffic. The rapid war industry works program permitting work on Sundays and holidays has decreased week-end tourist and pleasure traffic. Industrial and motor trucking transportation now cause many variable peak hours. The entire motor transportation trend on New Jersey State Highways, with many abnormal emergency local conditions due to the spreading of defense works has created traffic problems. These problems in themselves do not warrant extensive study. However, this data will be very valuable in consideration of future development of the State Highway system during the post-war period.

Highway safety lighting during 1941 has again indicated its true value. With three less fatal night accidents keeping the 1941 night accident total at the same level as 1940, with an increase of thirty-four (34) fatal day accidents during 1941 on the State Highway system, in itself shows that night driving safety has been improved. Night pedestrian deaths were reduced from one hundred eight (108) in 1940, to ninety-six (96) in 1941, while the day pedestrian deaths increased from twenty-nine (29) to forty-seven (47) in 1941.

The 39% reduction in night deaths for 1938 over 1937 has dropped 2% during 1941. Fatalities in 1941 increased 2% on roads other than State highways while fatalities on State highways increased 15% during 1941. Thirty-eight per cent (38%) of all motor vehicle fatalities on New Jersey roadways in 1940 occurred on State highways. In 1941, 41% of the fatalities on all New Jersey roadways occurred on New Jersey State highways.

For a complete long term traffic count Commissioner Sterner has ordered four seasonal two-week counts to be counted at one hundred fifty (150) traffic stations on State highway systems beginning December 1, 1941. The present program of counting twenty-five (25) stations during each two-week interval permits the continuous employment of traffic enumerators who will be supervised on each shift in each district by an Assistant Supervisor of Traffic Safety. The traffic investigators of this bureau have been trained in a general educational program to assist police officials, marshals and other municipal officers in establishing and maintaining clear, concise accident records and files. This activity has and will increase the number of reported accidents.

PERSONNEL

Restrictions on temporary and seasonal employments limited this Division's program during the summer of 1941.

Practically all employees of this Division have now been placed in the classified service. Civil Service examinations have been held for all unclassified employees, except men working in the Traffic Signal and Electric Signs, Construction and Maintenance

crews. These examinations are scheduled to be held during January, 1942. The organization chart of the Division is hereto appended.

SUMMARY OF RECOMMENDATIONS

1. HIGHWAY SAFETY LIGHTING BUREAU - 100% STATE LIGHTING

I again recommend that a study be made by our Legal Division to determine whether we cannot insist on the right to install State-owned lighting equipment and circuits on all utility company poles on the State Highway Department right-of-way.

2. TRAFFIC SIGNALS BUREAU

It is again respectfully recommended that a fixed amount of $1,500.00 be established as a maximum amount required of localities or counties as their share for revamping, or for new installation costs of traffic signals that may be approved by the Commissioner.

3. ELECTRIC SIGNS BUREAU

It is recommended that all existing electric signs of the incandescent type be converted to the fluorescent type.

4. BUREAU OF BRIDGE OPERATION

I recommend that gatemen and other attendants while on duty in metropolitan and shore areas be provided with a cap and badge, and, if possible, a uniform, so that they can be readily distinguished from other persons who may be in the vicinity of the bridge.

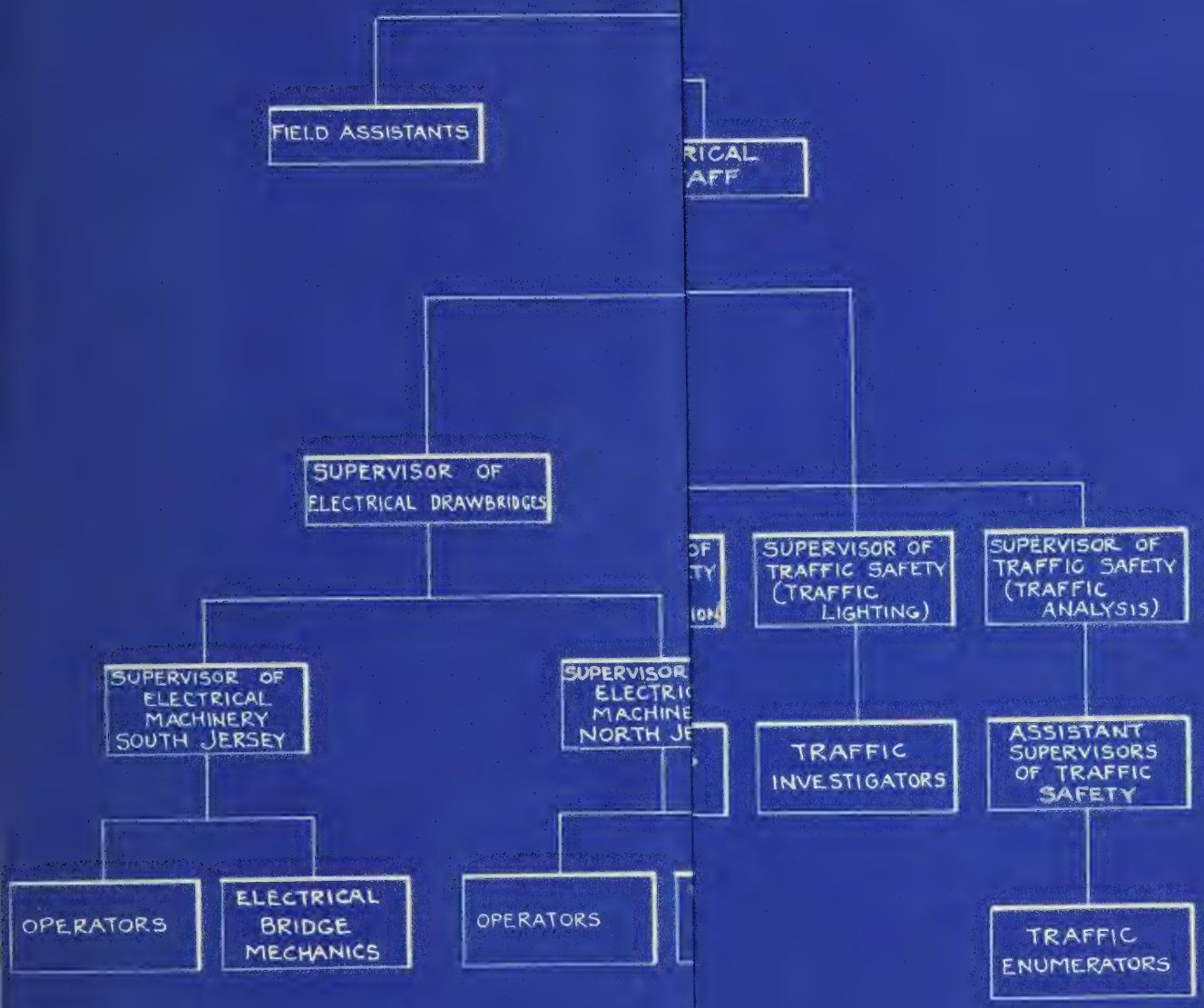
During the present emergency all operators should have some limited police power.

I also recommend that for the duration of the emergency that all bridges have three eight-hour shifts of operators, and attendants where necessary.

I recommend that additional gatemen be made available during the 1942 summer months to permit the continuation of "the minimum delay policy" to motorists and boat operators.

E. K. Hedman
Electrical Division Engineer

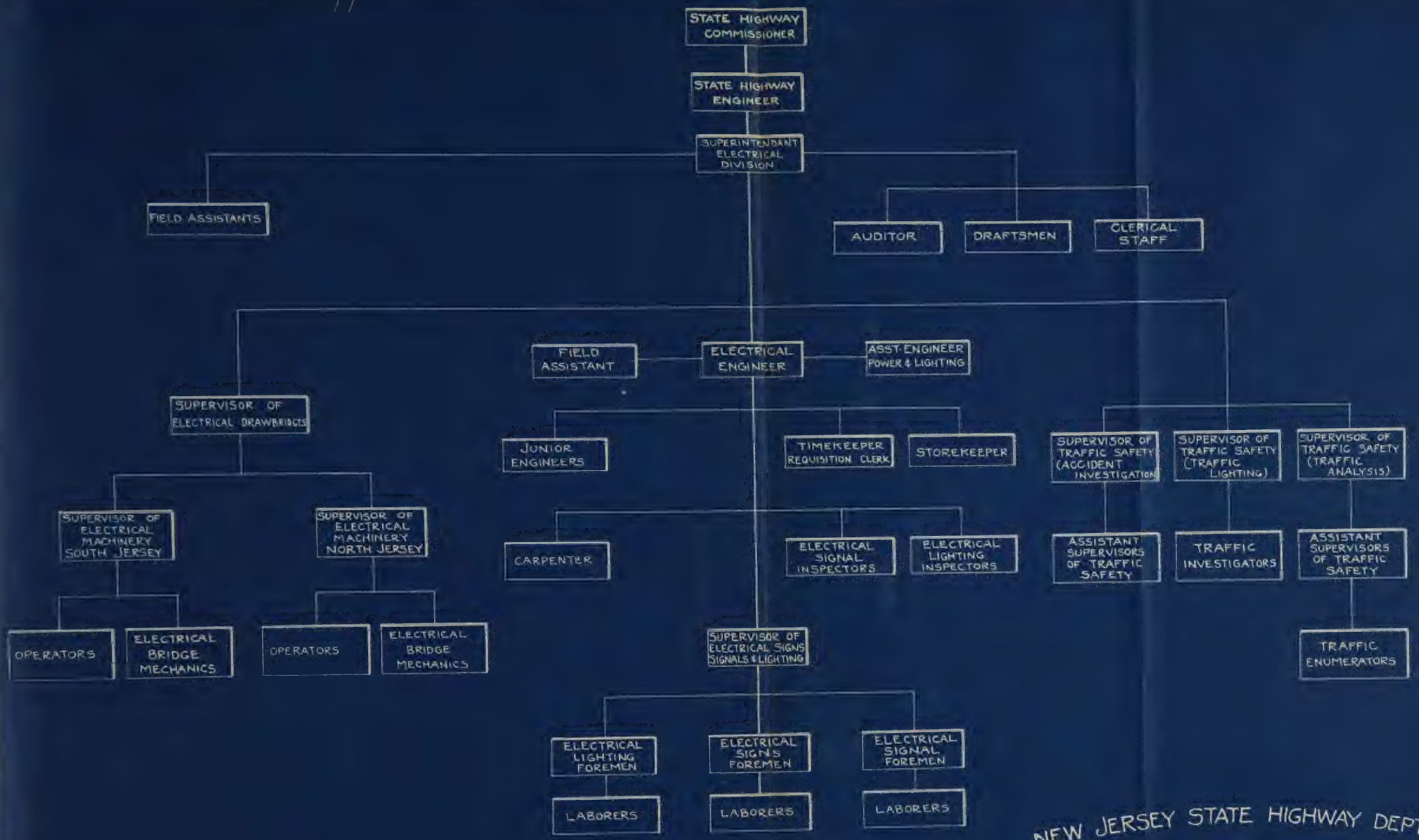
March 23, 1942



EY STATE HIGHWAY DEPT.

TRICAL DIVISION
GANIZATION

1941



NEW JERSEY STATE HIGHWAY DEPT.

ELECTRICAL DIVISION ORGANIZATION

1941

NEW JERSEY STATE HIGHWAY DEPARTMENT
ELECTRICAL DIVISION
1942 BUDGET ESTIMATE

TOTAL AVAILABLE - 1941 $1,793,693.30

1. OPERATION OF BRIDGES

Salaries, Coal, Misc.Material, Necessary Major Repairs, Lighting and Electric Power

Expenditures	$309,097.10
Commitments	6,842.95
	$315,940.05

2. HIGHWAY SAFETY LIGHTING

New Installations, Maintenance Current Municipal & County Aid

Expenditures	$510,793.33
Commitments	114,883.40
	$625,676.73

3. TRAFFIC SIGNALS & ELECTRIC SIGNS

Current, Maintenance, New Installations

Expenditures	$200,451.16
Commitments	143,343.67
	$343,794.83

4. ACCIDENT INVESTIGATION & TRAFFIC SURVEY

Expenditure	$295,563.02

Total1941 Expenditures - Commitments		1,580,947.63
BALANCE		212,745.67
		$1,793,693.30

1942 REQUEST $1,533,000.00

1. OPERATION OF BRIDGES

A. Salaries, Coal & Misc.	$305,000.00	
B. Necessary Major Repairs	25,000.00	
C. Lighting & Electric Power	30,000.00	
		360,000.00

2. HIGHWAY LIGHTING

A. Current (State)	$260,000.00	
B. Maintenance (State)	15,000.00	
C. New Installations (State)	60,000.00	
D. Municipalities & County Aid	355,000.00	
		690,000.00

3. TRAFFIC SIGNALS & ELECTRIC BEACONS

A. Current	$ 28,000.00	
B. Maintenance	40.000.00	
C. New Installations	72,000.00	
		140,000.00

4. ELECTRIC DIRECTIONARY SIGNS

A. Current	$ 20,000.00	
B. Maintenance	13,000.00	
C. New Installations	10,000.00	
		43,000.00

5. ACCIDENT INV.& TRAFFIC SURVEY $300,000.00 300,000.00

TOTAL REQUESTED $1,533,000.00

NEW JERSEY STATE HIGHWAY DEPARTMENT

ELECTRICAL DIVISION

BUREAU OF BRIDGE OPERATION

TOTAL BRIDGE OPERATING COSTS

	1940			1941		
	Salaries	Operating Expense	Total	Salaries	Operating Expense	Total
	$201,665.53	$31,649.90	$242,315.42	$218,881.46	$40,073.96	$258,955.42
GENERAL						
Bridge Lighting			$ 13,477.92			$ 21,924.25
Navigation Lighting			2,603.94			1,481.36
Traffic Signals			1,171.43			2,164.16
Warning Bells			806.83			126.96
Machine Repairs			27,346.45			24,444.95
			$287,722.00			$309,097.10

NUMBER OF BRIDGE	NAME OF BRIDGE	1940 SALARY	1940 OPERATING EXPENSE	1940 TOTAL	1941 SALARY	1941 OPERATING EXPENSE	1941 TOTAL
2.5/3	Hackensack River, Secaucus	$ 11,831.46	$ 1,419.24	$ 13,250.70	$ 9,982.82	$ 1,713.37	$ 11,696.19
51.3/4	Nacote Creek, Smithville	669.28	133.91	803.19	769.18	138.99	908.17
53.0/4	Mullica River, Smithville	1,705.77	589.03	2,294.80	1,942.39	646.63	2,589.02
56.7/4	Bass River, New Gretna	495.02	103.14	598.16	514.38	121.86	636.24
75.8/4N	Shark River, Belmar	5,683.45	894.60	6,578.05	5,078.12	1,033.14	6,111.26
135.1/4	Raritan River, Victory Bridge	14,357.75	743.00	15,100.77	15,180.32	1,149.20	16,329.52
4.0/6E	Hackensack River, Little Ferry	10,285.07	1,410.12	11,695.09	12,797.56	1,901.26	14,698.82
50.5/10	Hackensack R.,Wittpenn Bridge	23,380.42	2,962.20	26,342.62	23,185.91	3,611.89	26,797.80
0.6/25	Cooper River, Camden	10,561.27	1,970.40	12,531.67	11,296.87	2,159.70	13,456.57
12.7/25	Rancocas River, Bridgeboro	4,061.23	521.94	4,583.17	4,909.82	726.36	5,636.18
56.7/25M	Passaic River, Newark	20,735.30	3,575.12	24,310.42	21,309.92	5,963.50	27,273.42
57.8/25M	Hackensack River, Kearny	20,282.37	2,758.38	23,010.75	17,684.08	3,036.81	20,720.89
3.2/34	Manasquan River, Manasquan	6,565.11	676.52	7,241.63	6,225.00	782.03	7,007.03
8.6/35	Inland Waterway, Pt. Pleasant	8,398.13	555.10	8,953.26	8,611.88	780.16	9,392.04
11.4/35	Manasquan River, Pt.Pleasant	12,548.11	810.32	13,358.43	12,879.56	1,098.76	13,978.32
18.1/35	Shark River, Belmar	9,046.62	1,329.72	10,376.35	8,851.60	1,448.81	10,300.41
41.2/35	Matawan Creek, Keyport	1,323.90	403.97	1,727.87	1,398.60	289.60	1,688.20
43.9/35	Cheesequake Creek, Morgan	4,583.52	365.54	4,949.06	6,785.65	630.19	7,415.84
12.6/36	Shrewsbury River, Highlands	6,857.69	1,484.26	8,341.95	7,200.81	1,639.55	8,840.36
5.4/44	Oldman's Creek, Nortonville	2,184.00	1,163.82	3,347.82	1,765.93	881.08	2,647.01
8.5/44	Raccoon Creek, Bridgeport	131.19	10.53	141.72	855.13	1,097.15	1,952.28
16.3/44	Mantua Creek, Paulsboro	393.96	585.97	979.93	338.73	705.57	1,044.30
19.9/44	Woodbury Creek, Woodbury	2,527.77	596.19	3,123.46	1,651.53	668.78	2,320.31
2.8/49	Alloway Creek, Quinton	453.61	136.71	590.32	625.51	198.31	823.82
15.3/49	Cohansey River, Bridgeton	1,581.50	396.32	1,977.82	1,683.53	400.58	2,084.11
26.1/49	Maurice River, Millville	1,202.15	753.95	1,956.10	3,821.03	997.73	4,818.76
30.3/49	Menantico Creek, Millville	500.26	75.70	575.96	443.34	113.88	557.22
7.2/50	Tuckahoe River, Tuckahoe	1,442.45	209.05	1,651.50	1,280.79	290.52	1,571.31
112.4/4	Island Heights	8,676.56	859.33	9,535.89	9,284.50	1,073.84	10,358.34
115.4/4	Long Beach	5,464.16	1,162.86	6,627.02	5,560.82	1,237.70	6,798.52
	Ocean City } Somers Point }	9,743.90	2,543.83	12,287.73	11,140.23	2,950.96	14,091.19
	Lovelandtown	2,992.55	479.17	3,471.72	3,825.92	586.05	4,411.97
	Total	$210,665.53	$31,649.90	$242,315.42	$218,881.46	$40,073.96	$258,955.42

NEW JERSEY STATE HIGHWAY DEPARTMENT

ELECTRICAL DIVISION

HIGHWAY SAFETY LIGHTING BUREAU

UNDER AGREEMENT		1000 C.P. UNITS	600 C.P. UNITS	400 C.P. UNITS	250 C.P. UNITS	TOTAL UNITS
Dec. 31, 1938	141 Municipalities	115	3451	1708	82	5356
	16 Counties at 396 Intersections	-	154	343	129	626
	210 Locations (100% State Lighting)	-	980	1399	1317	3696
	Total	115	4585	3450	1528	9678
Dec. 31, 1939	177 Municipalities	120	3596	2129	81	5926
	20 Counties 940 Intersections	1	575	736	277	1589
	266 Locations (100% State Lighting)	-	1088	1803	1314	4205
	Total	121	5259	4668	1672	11720
* Dec. 31, 1940	194 Municipalities	122	3757	2441	81	6401
	20 Counties at 959 Intersections	-	529	754	280	1563
	256 Locations (100% State Lighting)	-	1011	2164	1351	4526
	Total	122	5297	5359	1712	12490
Dec. 31, 1941	194 Municipalities	122	3751	2429	81	6383
	20 Counties at 958 Intersections	-	529	748	283	1560
	266 Locations (100% State Lighting)	11	1054	2518	1344	4927
	Total	133	5334	5695	1708	12870

* Revised June 25, 1941

1942 COUNTY AGREEMENTS

COUNTY	NO. OF INTERSEC.	250 (candle power)	400 (candle power)	600 (candle power)	1000 (candle power)	TOTAL	STATE'S SHARE	COUNTY'S SHARE	TOTAL COST	UNITS Increase	UNITS Decrease	TOTAL INCREASED COST	TOTAL DECREASED COST	UTILITY COMPANY
Atlantic	60	4	75	9	-	88	$ 2,336.70	$ 2,336.70	$ 4,673.40	Same as 1941				A.C.
		-	-	4	-	4								S.J.
Bergen	47	-	9	58	-	67	2,619.40	2,619.40	5,238.80	-	-			P.S.
		-	10	6	-	16								Rockland
Burlington	57	-	11	-	-	11	2,958.13	2,958.13	5,916.26	-	-			A.C.
		-	47	46	-	93								P.S.
Camden	69	-	34	2	-	36	3,166.53	3,166.53	6,333.06	-	-			A.C.
		1	15	59	-	75								P.S.
Cape May	43	35	16	-	-	51	1,091.40	1,091.40	2,182.80	-	-			A.C.
Cumberland	51	40	7	9	-	56	1,685.80	1,685.80	3,371.60	2-600 CP (changed 2-400 CP to 2-600 CP Units)	2-400 CP	$20.40		A.C.
		4	-	-	-	4								S.J.
		7	-	-	-	7								B.V.
		3	7	1	-	11								M.E.
Essex	30	-	7	29	-	36	1,179.63	1,179.63	2,359.26	-	-			P.S.
		-	2	1	-	3								J.C.
Gloucester	75	2	-	-	-	2	3,149.10	3,149.10	6,298.20	-	-			S.J.
		15	24	7	-	46								P.S.
		23	50	8	-	81								A.C.
Hudson	4	-	-	7	-	7	218.40	218.40	436.80	-	-			P.S.
Hunterdon	31	20	18	8	-	46	719.32	719.31	1,438.63	-	-			N.J.
Mercer	37	-	20	37	-	57	2,137.10	2,137.10	4,274.20	-	-			P.S.
		-	4	10	-	14								J.C.
Middlesex	60	2	13	-	-	15	2,797.38	2,797.37	5,594.75	-	-			J.C.
		-	61	25	-	86								P.S.
Monmouth	76	19	76	37	-	132	3,733.50	3,733.50	7,467.00	-	1-400		$54.60	J.C.
Ocean	81	3	64	31	-	98	3,440.90	3,440.90	6,881.80	-	-			J.C.
		1	14	-	-	15								A.C.
		-	3	-	-	3								B.L.
		-	4	-	-	4								B.S.
Passaic	12	-	-	20	-	20	624.00	624.00	1,248.00	-	-			P.S.

1942 COUNTY AGREEMENTS (Cont'd)

COUNTY	NO. OF INTERSEC.	250 (candle power)	400 (candle power)	600 (candle power)	1000 (candle power)	TOTAL	STATE'S SHARE	COUNTY'S SHARE	TOTAL COST	UNITS Increase	UNITS Decrease	TOTAL INCREASED COST	TOTAL DECREASED COST	UTILITY COMPANY
Salem	65	46	24	28	-	98	$ 2,348.40	$ 2,348.40	$ 4,696.80	-	-			A.C.
Somerset	33	6	10	2	-	18	1,204.13	1,204.12	2,408.25	-	-			W.J.
		11	16	9	-	36								P.S.
Sussex	35	19	35	2	-	56	841.17	841.16	1,682.33	-	-			N.J.
Union	51	-	2	12	-	14	3,040.65	3,040.65	6,081.30	1-600 CP	-	$68.40		J.C.
		-	30	57	-	87					3-600 CP		$187.20	P.S.
Warren	40	22	40	-	-	62	941.64	941.64	1,883.28	3-250 CP	3-400		30.00	N.J.
TOTAL	957	283	748	524	-	1555	$40,233.28	$40,233.24	$80,466.52			$88.80	$271.80	
Rt.25M Essex	1	-	-	5	-	5	156.10	156.10	312.20	-	-			P.S.
TOTALS	958	283	748	529	-	1560	$40,389.38	$40,389.34	$80,778.72			$88.80	$271.80	

A.C. - Atlantic City Electric Company
P.S. - Public Service
J.C. - Jersey Central Power & Light Co.
N.J. - New Jersey Power & Light Co.
S.J. - South Jersey Power & Light Co.
R.E. - Rockland Electric Co.
M.E. - Millville Electric Co.
B.L. - Boro of Lavellette (Electric Dept.)
B.S. - Boro of Sea Side Heights (Electric Dept.)
B.V, - Boro of Vineland (Electric Dept.)

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

COUNTY	NO. OF MUNICI-PALITIES	PRE-EXISTING UNITS (candle power) 1000	600	400	UNDER 250	100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENT — NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Atlantic	9		5		34	44	83	$2,588.40	187	21			208	$ 8,317.80	$ 2,254.80	$ 333.60	
Bergen	19	15	87	75	71	42	290	14,459.50	1 158	289	6		454	18,729.00	8,270.50	6,099.00	
Burlington	6		5	18	3	11	37	1,613.20	41	30			71	2,911.00	1,140.15	473.05	
Camden	24	1	92	96	57	213	459	17,590.70	57 266	501	17		841	34,262.60	14,327.10	3,263.60	
Cape May	1		1		3	3	7	241.80	8	1			9	356.40	102.00	139.80	
Cumberland	3		49	4	55	129	237	7,225.80	270	42			312	9,785.80	4,130.60	3,095.20	
Essex	9		210	38	106	71	425	20,916.20	86	362			448	18,383.20	8,836.15	10,020.85	
Gloucester	11		43	20	36	87	186	7,116.95	105	102	7		214	8,600.48	3,537.25	3.579.70	
Hudson	3		37				37	2,308.80	46	89			135	5,535.00	2,463.50		$154.70
Hunterdon	3			1	2	30	33	625.15	44	3			47	1,175.44	500.00	125.15	
Mercer	7	11	1	60	20	85	177	7,177.45	130	100			230	9,443.20	3,904.30	3,273.15	
Middlesex	12		15	42	14	89	160	5,601.00	17 89	185			291	11,953.40	5,279.05	321.95	
Monmouth	25	9	18	18	208	303	556	18,548.80	227	449			676	27,986.40	15,119.40	3,429.40	
Morris	12	1	70	48	45	243	407	14,265.65	99	341	84		524	17,766.09	12,460.60	1,821.05	
Ocean	11	7	44	38	10	73	172	7,695.00	45	165	3		213	8,785.80	5,176.80	2,518.20	
Passaic	3		57		10	7	74	3,966.80	10	85			95	3,895.00	1,940.50	2,026.30	
Salem	7	14		35	32	29	110	4,779.60	45	71	4		120	4,752.00	2,075.40	2,704.20	
Somerset	11		1	57	3	69	130	4,486.62	1 95	103	1		200	7,563.16	3,336.56	1,150.07	
Sussex	2					12	12	219.00	12				12	320.00	120.00	99.00	
Union	14		49	379	142	227	797	33,900.45	5 449	779			1233	50,601.40	22,641.15	11,259.30	
Warren	2			35	12	17	64	2,799.83	17	33			50	1,184.63	2,718.83	81.00	
TOTAL	194	58	784	964	863	1784	4453	$178,126.70	81 2429	3751	122		6383	$252,307.80	$120,334.64	$55,813.57	$154.70

MUNICIPAL REIMBURSEMENT PROGRAMS

MUNICIPAL AGREEMENTS PROVIDING FEWER LIGHTING UNITS IN 1942 THAN IN 1941

			1941 AGREEMENT					1942 AGREEMENT				
			No. of Units (candle power)					No. of Units (candle power)				
MUNICIPALITY	COUNTY	ROUTE	600	400	TOTAL	STATE REIMB.	MUNICIPAL SHARE	600	400	TOTAL	STATE REIMB.	MUNICIPAL SHARE
Logan	Gloucester	44&51	-	22	22	$ 871.20	$224.40	-	12	12	$475.20	$122.40
Mountainside	Union	29	8	6	14	574.00	244.10	2	6	8	328.00	115.70
Shrewsbury Twp.	Monmouth	33	-	3	3	124.20	39.60	-	1	1	41.40	13.20
TOTAL			8	31	39	$1,569.40	$508.10	2	19	21	$844.60	$251.30

MUNICIPAL AGREEMENTS PROVIDING MORE LIGHTING UNITS IN 1942 THAN IN 1941

NONE

ATLANTIC COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

		PRE-EXISTING UNITS (candle power)							SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS								
									NEW UNITS (candle power)								
MUNICIPALITY	ROUTE	1000	600	400	250	UNDER 100	TOTAL	COST	250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Absecon	4 & 43	-	-	-	-	-	11	$ 249.00	-	41	-	-	41	$1,623.60	$ 418.20	$ -	$169.20
Buena Vista	48	-	-	-	-	9	9	189.00	-	13	-	-	13	585.00	62.40	126.60	-
Egg Harbor Twp.	48	-	-	-	16	-	16	633.60	-	49	-	-	49	1,940.00	499.80	133.80	-
Egg Harbor City	43&45	-	5	-	1	9	15	528.60	-	29	8	-	37	1,465.20	459.00	69.60	-
Galloway Twp.	4 & 50	-	-	-	3	1	4	139.80	-	8	-	-	8	316.80	81.60	58.20	-
Hamilton Twp.	48&50	-	-	-	-	11	11	231.00	-	13	-	-	13	525.60	121.80	109.20	-
Hammonton	43	-	-	-	-	-	-	-	-	10	-	-	10	396.00	102.00	-	102.00
Pleasantville	4& 48	-	-	-	14	-	14	554.40	-	21	13	-	34	1,346.40	479.40	75.00	-
Weymouth	50	-	-	-	-	3	3	63.00	-	3	-	-	3	118.80	30.60	32.40	-
TOTAL	-	-	5	-	34	44	83	$2,588.40	-	187	21	-	208	$8,317.80	$2,254.80	$604.80	$271.20

BERGEN COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

		PRE-EXISTING UNITS (candle power)							SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS								
									NEW UNITS (candle power)								
MUNICIPALITY	ROUTE	1000	600	400	250	100	TOTAL	COST	250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Alpine Boro	1	-	-	-	-	5	5	$ 95.00	1	10	-	-	11	$ 548.00	$ 140.00	$ -	$ 45.00
Carlstadt Boro	2	-	-	1	-	3	4	114.65	-	-	6	-	6	246.00	128.40	-	13.75
E.Paterson Boro	4	-	-	-	2	8	10	242.00	-	45	-	-	45	1,845.00	546.75	-	304.75
E.Rutherford Boro	2	-	-	-	-	1	1	21.50	-	-	1	-	1	41.00	21.40	.10	-
Edgewater Boro	5	1	11	1	-	-	13	819.55	-	-	22	6	28	1,148.00	704.80	114.75	-
Englewood Cliff Boro	1	-	6	-	5	-	11	599.40	-	16	-	-	16	656.00	194.40	405.00	-
Fairlawn Boro	4	-	-	-	20	4	24	919.00	-	43	-	-	43	1,763.00	522.45	396.55	-
Fairview Boro	1-S1	10	3	-	13	-	26	1,540.20	-	-	35	-	35	1,435.00	749.00	791.20	-
Fort Lee Boro	1-S1A-5	-	-	31	8	5	44	2,083.15	-	18	48	-	66	2,706.00	1,245.90	837.25	-
Lodi Boro	6	-	-	-	-	-	-	-	-	9	4	-	13	533.00	194.95	-	194.95
Lyndhurst Twp.	2	4	22	8	-	-	34	2,118.00	-	-	40	-	40	1,640.00	856.00	1,262.00	-
N.Arlington Boro	2	-	35	-	-	-	35	2,184.00	-	-	35	-	35	1,435.00	749.00	1,435.00	-
Palisades Pk.Boro	S1-5	-	1	-	-	2	3	102.40	-	-	6	-	6	246.00	128.40	-	26.00
Ramsey Boro	2	-	-	1	-	-	1	64.00	-	2	-	-	2	100.00	28.00	36.00	-
Ridgefield Boro	1-S1-5-S5	-	2	28	21	1	52	2,494.00	-	-	65	-	65	2,665.00	1,391.00	1,103.00	-
Ridgefield Park Village	6	-	6	4	-	-	10	587.10	-	4	7	-	11	451.00	198.40	388.70	-
Rutherford Boro	2	-	-	1	2	12	15	393.15	-	-	18	-	18	738.00	385.20	7.95	-
Waldwick Boro	2	-	-	-	-	-	-	-	-	11	-	-	11	451.00	133.65	-	133.65
Wood Ridge Boro	2	-	1	-	-	1	2	82.40	-	-	2	-	2	82.00	42.80	39.60	-
TOTAL		15	87	75	71	42	290	$14,459.50	1	158	289	6	454	$18,729.00	$8,270.50	$6,817.10	$718.10

BURLINGTON COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

		PRE-EXISTING UNITS (candle power) UNDER							SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS NEW UNITS (candle power)								
MUNICIPALITY	ROUTE	1000	600	400	250	100	TOTAL	COST	250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Bordentown	25&39	-	-	1	-	4	5	$ 133.15	-	9	-	-	9	$ 369.00	$ 109.35	$ 23.80	$ -
Burlington	25	-	5	15	3	3	26	1,293.75	-	-	30	-	30	1,230.00	642.00	651.75	-
Chester Twp.	38&S41	-	-	-	-	4	4	80.00	-	8	-	-	8	328.00	97.20	-	17.20
Evesham Twp.	40&S41	-	-	-	-	-	-	-	-	20	-	-	20	820.00	243.00	-	243.00
Hainesport Twp.	38	-	-	1	-	-	1	53.15	-	2	-	-	2	82.00	24.30	28.85	-
Mansfield Twp.	39	-	-	1	-	-	1	53.15	-	2	-	-	2	82.00	24.30	28.85	-
TOTAL		-	5	18	3	11	37	$1,613.20	-	41	30	-	71	$2,911.00	$1,140.15	$733.25	$260.20

CAMDEN COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE-EXISTING UNITS (candle power) 1000	600	400	250	UNDER 100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS — NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Audubon Boro	42&43	-	-	17	-	-	17	$ 931.60	-	-	35	-	35	$ 1,435.00	$ 749.00	$ 182.60	$ -
Barrington Boro	43	-	-	-	3	3	6	183.00	-	-	10	-	10	410.00	214.00	-	31.00
Bellmawr	42	-	-	-	4	10	14	364.00	-	-	21	-	21	861.00	449.40	-	85.40
Berlin Boro	43	-	-	11	15	17	43	1,498.80	-	76	-	-	76	3,009.60	775.20	723.60	-
Berlin Twp.	S41	-	-	-	-	2	2	42.00	-	2	-	-	2	79.20	20.40	21.60	-
Brooklawn Boro	45&45M	-	-	-	4	9	13	347.00	-	31	-	-	31	1,271.00	376.65	-	29.65
Camden	25-42-45	-	-	38	-	-	38	2,019.70	-	-	51	-	51	2,091.00	1,091.40	928.30	-
Clementon Boro	43	-	-	-	-	16	16	336.00	-	22	-	-	22	871.20	224.40	111.60	-
Collingswood Boro	43-45	-	23	-	1	1	25	1,496.20	-	-	43	-	43	1,763.00	920.00	576.20	-
Delaware Twp.	38-40-41	-	-	-	-	5	5	100.00	-	13	1	-	14	574.00	179.35	-	79.35
Gloucester City	45-45M	1	38	-	2	-	41	2,533.20	-	-	60	17	77	3,157.00	1,947.00	586.20	-
Gloucester Twp.	42	-	1	22	-	34	57	1,919.70	-	87	26	-	113	4,610.60	1,584.15	335.55	-
Haddon Hgts.Boro	42-43	-	11	1	8	7	27	1,238.25	-	-	30	-	30	1,230.00	642.00	596.25	-
Haddon Twp.	42-43-45	-	10	4	-	17	31	1,179.60	-	-	43	-	43	1,763.00	920.20	259.40	-
Laurel Springs Boro	43	-	-	-	-	7	7	147.00	-	-	6	-	6	237.60	122.40	24.60	-
Magnolia Boro	43	-	3	-	-	13	16	447.20	-	-	23	-	23	943.00	492.20	-	45.00
Mt.Ephraim Boro	42	-	4	-	1	8	13	452.10	-	-	20	-	20	820.00	428.00	24.10	-
Oaklyn Boro	42-43	-	-	2	6	8	16	513.80	-	-	19	-	19	779.00	406.60	107.20	-
Pennsauken	25-45	-	1	1	8	7	17	583.55	57	4	48	-	109	4,469,00	1,075.80	-	492.25
Runnemede	41-42	-	1	-	4	22	27	666.40	-	5	31	-	36	1,476.00	724.15	-	57.75
Somerdale Boro	43	-	-	-	-	14	14	280.00	-	-	31	-	31	1,259.80	655.40	-	375.40
Stratford Boro	43	-	-	-	1	11	12	270.60	-	25	-	-	25	990.00	255.00	15.60	-
Voorhees Twp.	S41	-	-	-	-	1	1	21.00	-	1	-	-	1	39.60	10.20	10.80	-
Wood-Lynne Boro	45	-	-	-	-	1	1	20.00	-	-	3	-	3	123.00	64.20	-	44.20
TOTAL		1	92	96	57	213	459	$17,590.70	57	266	501	17	841	$34,262.60	$14,327.10	$4,503.60	$1,240.00

CAPE MAY COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE-EXISTING UNITS (candle power) UNDER 1000	600	400	250	100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS: NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Middle Twp.	4	-	-	-	-	-	-	$ -	-	1	-	-	1	$ 39.60	$ 10.20	$ -	$ 10.20
Middle Twp. (Lighting Dist.#1)	4	-	1	-	3	3	7	241.80	-	7	1	-	8	316.80	91.80	150.00	-
TOTAL		-	1	-	3	3	7	$ 241.80	-	8	1	-	9	$ 356.40	$ 102.00	$ 150.00	$ 10.20

CUMBERLAND COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE-EXISTING UNITS (candle power) UNDER 1000	600	400	250	100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS: NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Bridgeton	49	-	8	-	8	3	19	$ 868.80	-	-	23	-	23	$ 910.80	$ 469.20	$ 399.60	$ -
Landis Twp.	47	-	-	-	-	1	1	24.00	-	19	-	-	19	775.00	174.40	-	150.40
Millville	47-49	-	41	4	47	125	217	6,333.00	-	251	19	-	270	8,100.00	3,487.00	2,846.00	-
TOTAL		-	49	4	55	129	237	$7,225.80	-	270	42	-	312	$9,785.80	$4,130.60	$3,245.60	$150.40

ESSEX COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE-EXISTING UNITS (candle power) 1000	600	400	250	UNDER 100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS — NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Belleville Town	7& 21	-	1	-	69	9	79	$ 3,071.40	-	11	46	-	57	$ 2,337.00	$1,118.05	$ 1,953.35	$ -
Cedar Grove Twp.	23	-	1	5	11	30	47	1,380.65	-	-	84	-	84	3,444.00	1,797.60	-	416.95
Livingston Twp.	10	-	-	-	-	10	10	204.00	-	5	6	-	11	452.60	197.90	6.10	-
Maplewood Twp.	24	-	70	-	-	-	70	4,368.00	-	-	37	-	37	1,517.00	791.80	1,517.00	-
Millburn Twp.	24	-	-	-	-	21	21	441.00	-	34	-	-	34	1,407.60	448.80	-	7.80
Newark	21	-	136	22	-	-	158	9,655.70	-	22	136	-	158	6,478.00	3,177.70	6,478.00	-
Nutley Town	7	-	-	6	14	1	21	912.90	-	-	27	-	27	1,107.00	577.80	335.10	-
Verona Boro	23	-	-	2	11	-	13	557.30	-	-	23	-	23	943.00	492.20	65.10	-
West Orange Town	10	-	2	3	1	-	6	325.25	-	14	3	-	17	697.00	234.30	90.95	-
TOTAL		-	210	38	106	71	425	$20,916.20	-	86	362	-	448	$18,383.20	$8,836.15	$10,445.60	$424.75

GLOUCESTER COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

		PRE EXISTING UNITS (candle power)							SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS								
									NEW UNITS (candle power)								
MUNICIPALITY	ROUTE	1000	600	400	250	UNDER 100	TOTAL	COST	250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Clayton Boro	47	-	-	-	-	11	11	$ 231.00	-	14	-	-	14	$ 554.40	$ 142.80	$ 88.20	$ -
Glassboro Boro	47	-	-	1	1	27	29	699.00	-	37	-	-	37	1,465.20	377.40	321.60	-
Greenwich Twp.	44	-	-	-	10	8	18	588.00	-	3	21	-	24	950.40	459.00	129.00	-
Harrison Twp.	45	-	-	-	-	2	2	42.00	-	2	-	-	2	79.20	20.40	21.60	-
Logan Twp.	44&51	-	-	-	1	16	17	423.60	-	12	-	-	12	475.20	122.40	301.20	-
Mantua Twp.	45	-	-	-	-	2	2	42.00	-	2	-	-	2	79.20	20.40	21.60	-
Monroe Twp.	42	-	-	-	-	1	1	21.00	-	4	-	-	4	158.40	40.80	-	19.80
Paulsboro	44	-	-	-	23	-	23	910.80	-	-	29	-	29	1,148.48	591.60	319.20	-
West Deptford Twp.	44	-	-	-	-	3	3	60.00	-	6	-	-	6	246.00	72.90	-	12.90
Westville Boro	44-45-47	-	-	13	1	17	31	1,097.45	-	25	7	-	32	1,312.00	453.55	643.90	-
Woodbury City	45	-	43	6	-	-	49	3,002.10	-	-	45	7	52	2,132.00	1,236.00	1,766.10	-
TOTAL		-	43	20	36	87	186	$7,116.95	-	105	102	7	214	$8,600.48	$3,537.25	$3,612.40	$32.70

HUDSON COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE-EXISTING UNITS (candle power) 1000	600	400	250	UNDER 100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS: NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Jersey City	1	-	25	-	-	-	25	$1,560.00	-	-	74	-	74	$3,034.00	$1,583.60	$ -	$ 23.60
Kearny Town	25M	-	-	-	-	-	-	-	-	-	14	-	14	574.00	299.60	-	299.60
No.Bergen Twp.	1-S1	-	12	-	-	-	12	748.80	-	46	1	-	47	1,927.00	580.30	168.50	-
TOTAL		-	37	-	-	-	37	$2,308.80	-	46	89	-	135	$5,535.00	$2,463.50	$168.50	$323.20

HUNTERDON COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE-EXISTING UNITS (candle power) 1000	600	400	250	UNDER 100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS: NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Clinton Town	28	-	-	1	1	-	2	$ 50.00	-	1	3	-	4	$ 82.12	$ 70.00	$ -	$ 20.00
Lambertville	29	-	-	-	1	2	3	44.00	-	6	-	-	6	134.75	60.00	-	16.00
Readington Twp.	28	-	-	-	-	28	28	531.15	-	37	-	-	37	958.57	370.00	161.15	-
TOTAL		-	-	1	2	30	33	$ 625.15	-	44	3	-	47	$1,175.44	$ 500.00	$161.15	$ 36.00

MERCER COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE-EXISTING UNITS (candle power) 1000	600	400	UNDER 250	100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS — NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Ewing Twp.	30	-	-	-	1	14	15	$ 321.00	-	18	-	-	18	$ 738.00	$ 218.70	$ 102.30	$ -
Hamilton Twp.	33-37-39	9	-	23	8	28	68	3,306.10	-	39	67	-	106	4,346.00	1,907.65	1,398.45	-
Hightstown Boro	33	2	1	-	8	17	28	940.80	-	-	31	-	31	1,283.40	837.00	103.80	-
Lawrence Twp.	26-27	-	-	4	1	26	31	773.60	-	35	-	-	35	1,435.00	425.25	348.35	-
Pennington Boro	30	-	-	-	2	-	2	82.00	-	5	-	-	5	205.00	60.75	21.25	-
Princeton Boro	27-31	-	-	33	-	-	33	1,753.95	-	33	-	-	33	1,353.00	400.95	1,353.00	-
Washington Twp.	25	-	-	-	-	-	-	-	-	-	2	-	2	82.40	54.00	-	54.00
TOTAL		11	1	60	20	85	177	$7,177.45	-	130	100	-	230	$9,443.20	$3,904.30	$3,327.15	$54.00

MIDDLESEX COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE-EXISTING UNITS (candle power) 1000	600	400	250	UNDER 100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS — NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Cranbury Twp.	25	-	-	-	-	-	-	$ -	-	2	-	-	2	$ 82.00	$ 24.30	$ -	$ 24.30
Dunellen Boro	28	-	11	-	-	10	21	886.40	-	-	26	-	26	1,060.00	556.40	330.00	-
E.Brunswick Twp.	S28	-	-	-	2	7	9	222.00	-	22	-	-	22	902.00	267.30	-	45.30
Highland Pk.Boro	27	-	-	17	-	7	24	1,043.55	-	23	-	-	23	943.00	279.45	764.10	-
Madison Twp.	35	-	-	-	-	-	-	-	-	14	-	-	14	579.60	184.80	-	184.80
Middlesex Boro	28	-	-	6	-	22	28	801.60	-	-	35	-	35	1,449.00	945.00	-	143.40
New Brunswick	S28	-	4	7	12	3	26	1,173.65	-	-	45	-	45	1,845.00	963.00	210.65	-
Raritan Twp.	25	-	-	3	-	8	11	319.45	-	-	29	-	29	1,189.00	620.60	-	301.15
Sayreville Boro	4	-	-	-	-	9	9	216.00	17	-	5	-	22	910.80	135.00	81.00	-
S.Brunswick Twp.	26	-	-	-	-	-	-	-	-	-	1	-	1	41.00	21.40	-	21.40
Woodbridge Twp.	4-25	-	-	8	-	4	12	505.20	-	5	42	-	47	1,927.00	959.55	-	454.35
Metuchen	27	-	-	1	-	19	20	433.15	-	23	2	-	25	1,025.00	322.25	110.90	-
TOTAL		-	15	42	14	89	160	$5,601.00	17	89	185	-	291	$11,953.40	$5,279.05	$1,496.65	$1,174.70

MONMOUTH COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE-EXISTING UNITS (candle power) 1000	600	400	250	UNDER 100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS — NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Asbury Park	4N	4	-	-	60	9	73	$ 3,050.40	-	14	57	-	71	$ 2,939.40	$ 1,723.80	$1,326.60	$ -
Atlantic Highlands Boro	36	-	-	-	6	1	7	316.00	-	-	8	-	8	331.20	216.00	100.00	-
Avon-by-the Sea Boro	4N	-	-	-	41	-	41	1,697.40	-	-	22	-	22	910.80	594.00	1,103.40	-
Belmar Boro	4N-35	-	2	-	23	18	43	1,521.00	-	-	29	-	29	1,200.60	783.00	738.00	-
Bradley Beach Boro	4N	-	-	-	60	-	60	2,484.00	-	-	26	-	26	1,076.40	702.00	1,782.00	-
Brielle Boro	4N	4	-	-	-	9	13	539.40	-	-	25	-	25	1,035.00	675.00	-	135.60
Deal Boro	4N	-	-	-	8	-	8	331.20	-	-	12	-	12	496.80	324.00	7.20	-
Eatontown Boro	4N-35	-	-	-	1	23	24	595.50	-	38	6	-	44	1,821.60	663.60	-	68.10
Freehold Boro	4-33	-	13	1	-	-	14	943.80	-	5	13	-	18	745.20	417.00	526.80	-
Highlands Boro	36	-	-	-	1	17	18	398.40	-	8	23	-	31	1,283.40	726.60	-	328.20
Howell Twp.	4-33	-	-	-	-	7	7	150.00	-	13	-	-	13	538.20	171.60	-	21.60
Manasquan Boro	4N	-	-	-	-	14	14	336.00	-	-	23	-	23	952.20	621.00	-	285.00
Matawan Boro	4-34	-	-	-	-	13	13	273.00	-	12	3	-	15	621.00	239.40	33.60	-
Middletown Twp.	35-36	-	-	-	-	10	10	210.00	-	24	-	-	24	993.60	316.80	-	106.80
Neptune City	35	-	-	-	-	16	16	372.00	-	11	14	-	25	1,035.00	523.20	-	151.20
Neptune Twp.	4N-33-35	-	-	-	1	93	94	2,273.40	-	39	45	-	84	3,477.60	1,729.80	543.60	-
Ocean Twp.	4N-35	-	-	-	1	3	4	110.40	-	4	6	-	10	414.00	214.80	-	104.40
Raritan Twp.	35-36	-	-	-	-	4	4	88.50	-	8	4	-	12	496.80	213.60	-	125.10
Red Bank Boro	35	-	2	13	3	2	20	1,010.80	-	-	39	-	39	1,614.60	1,053.00	-	42.20
Sea Girt Boro	4N	1	-	-	-	5	6	207.60	-	-	17	-	17	703.80	459.00	-	251.40
Shrewsbury Twp.	33	-	-	-	-	2	2	42.00	-	1	-	-	1	41.40	13.20	28.80	-
Shrewsbury Boro	35	-	-	4	-	21	25	659.40	-	38	9	-	47	1,945.80	744.60	-	85.20
Spring Lake Hgts Boro	4N	-	-	-	3	20	23	528.20	-	-	43	-	43	1,780.20	1,161.00	-	632.80
Wall Twp.	4N-35	-	-	-	-	10	10	222.00	-	12	18	-	30	1,242.00	644.40	-	422.40
W.Long Branch Boro	4N	-	1	-	-	6	7	188.40	-	-	7	-	7	289.80	189.00	-	.60
TOTAL		9	18	18	208	303	556	$18,548.80	-	227	449	-	676	$27,986.40	$15,119.40	$6,190.00	$2,760.00

MORRIS COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE EXISTING UNITS (candle power) 1000	600	400	250	UNDER 100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS — NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Chatham Boro	24	1	30	-	-	-	31	$ 2,139.60	-	-	30	1	31	$ 1,284.30	$ 856.20	$1,283.40	$ -
Denville Twp.	5N-6	-	2	5	9	33	49	1,446.80	-	4	100	-	104	2,545.40	2,040.00	-	593.20
Dover Town	6	-	-	-	14	27	41	1,102.55	-	-	56	-	56	1,362.63	1,120.00	-	17.45
Madison Boro	24	-	-	35	17	44	96	3,437.25	-	-	-	83	83	3,403.00	3,237.00	200.25	-
Morris Twp.	24-32(27 single burner gas units)							648.00	-	-	42	-	42	1,738.80	1,134.00	-	486.00
Morris Plains Boro	32	-	-	8	-	4	12	553.80	-	-	14	-	14	579.60	378.00	175.80	-
Morristown Twp.	24-32	-	36	-	5	75	116	4,244.40	-	-	97	-	97	4,015.80	2,619.00	1,625.40	-
Mt.Olive Twp.	6	-	-	-	-	8	8	116.00	-	9	-	-	9	202.50	90.00	26.00	-
Mountain Lakes Boro	6	-	2	-	-	9	11	325.80	-	27	-	-	27	1,117.80	356.40	-	30.60
Netcong Boro	6	-	-	-	-	6	6	72.00	-	4	2	-	6	124.45	80.00	8.00	-
Rockaway Boro	6	-	-	-	-	4	4	57.63	-	45	-	-	45	1,131.78	450.00	-	392.37
Rockaway Twp.	6	-	-	-	-	6	6	121.82	-	10	-	-	10	260.03	100.00	21.82	-
TOTAL		1	70	48	45	243	407	$14,265.65	-	99	341	84	524	$17,766.09	$12,460.60	$3,340.67	$1,519.62

OCEAN COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE-EXISTING UNITS (candle power) 1000	600	400	250	UNDER 100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS — NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Beachwood Boro	4	-	20	-	-	-	20	$1,368.00	-	-	20	-	20	$ 828.00	$ 540.00	$ 828.00	$ -
Eagleswood Twp.	4	-	-	-	1	-	1	39.60	-	1	-	-	1	39.60	10.20	29.40	-
Island Hgts. Boro	37	-	-	-	1	2	3	89.40	-	2	-	-	2	82.80	26.40	63.00	-
Lakehurst Boro	40	-	-	-	-	4	4	96.00	-	5	-	-	5	207.00	66.00	30.00	-
Lakewood Twp.	4-35-40	-	-	32	-	35	67	2,482.20	-	23	61	-	84	3,477.60	1,950.60	531.60	-
Pt.Pleasant Boro	35	-	-	1	2	14	17	431.40	-	-	28	-	28	1,159.20	756.00	-	324.60
Pt.Pleasant Beach Boro	35	4	10	5	6	4	29	1,639.80	-	-	41	-	41	1,697.40	1,107.00	532.80	-
Stafford Twp.	4	-	-	-	-	3	3	72.00	-	3	-	-	3	118.80	30.60	41.40	-
Tuckerton Boro	4	-	-	-	-	4	4	84.00	-	4	-	-	4	158.40	40.80	43.20	-
Union Twp.	4	-	-	-	-	3	3	63.00	-	3	-	-	3	124.20	39.60	23.40	-
Dover Twp.	4-37	3	14	-	-	4	21	1,329.60	-	4	15	3	22	910.80	609.60	720.00	-
TOTAL		7	44	38	10	73	172	$7,695.00	-	45	165	3	213	$8,785.80	$5,176.80	$2,842.80	$324.60

PASSAIC COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE-EXISTING UNITS (candle power) UNDER 1000	600	400	250	100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Little Falls Twp.	23	-	-	-	10	-	10	$ 410.00	-	-	12	-	12	$ 492.00	$ 256.80	$ 153.20	$ -
Paterson	3	-	57	-	-	-	57	3,556.80	-	-	73	-	73	2,993.00	1,562.20	1,994.60	-
Wayne Twp.	23	-	-	-	-	7	7	cost to co.	-	10	-	-	10	410.00	121.50	-	121.50
TOTAL		-	57	-	10	7	74	$3,966.80	-	10	85	-	95	$3,895.00	$1,940.50	$2,147.80	$121.50

SALEM COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE EXISTING UNITS (candle power) UNDER 1000	600	400	250	100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Elmer Boro	48	-	-	2	-	6	8	$ 225.60	-	-	7	-	7	$ 277.20	$ 142.80	$ 82.80	$ -
Lower Penns Neck Twp.	44	-	-	6	17	13	36	1,245.00	-	37	1	-	38	1,504.80	397.80	847.20	-
Penns Grove Boro	44-48	10	-	3	2	-	15	1,044.60	-	-	15	-	15	594.00	306.00	738.60	-
Quinton Twp.	49	-	-	-	-	4	4	84.00	-	4	-	-	4	158.40	40.80	43.20	-
Salem City	45	3	-	2	5	2	12	590.40	-	-	11	3	14	554.40	350.40	240.00	-
Upper Penns Neck	44-48	-	-	20	-	1	21	1,020.00	-	2	22	-	24	950.40	469.20	550.80	-
Woodstown Boro	45-48	1	-	2	8	3	14	570.00	-	2	15	1	18	712.80	368.40	201.60	-
TOTAL		14	-	35	32	29	110	$4,779.60	-	45	71	4	120	$4,752.00	$2,075.40	$2,704.20	$ -

SOMERSET COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE-EXISTING UNITS (candle power) UNDER 1000	600	400	250	100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS: NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Bedminster Twp.	31-32	-	-	-	-	9	9	$ 218.25	-	21	-	-	21	$ 540.83	$ 210.00	$ 8.25	$ -
Bernardsville	32	-	1	3	1	15	20	416.27	-	4	15	1	20	522.30	395.00	21.27	-
Bound Brook Boro	28-29	-	-	9	-	29	38	1,058.35	-	2	36	-	38	1,558.00	794.70	263.65	-
Bridgewater Twp.	28-29	-	-	-	-	-	-	-	1	16	-	-	17	697.00	194.40	-	194.40
Green Brook Twp.	29	-	-	3	-	2	5	199.45	-	6	2	-	8	328.00	115.70	83.75	-
Hillsboro Twp.	31	-	-	-	-	-	-	-	-	9	-	-	9	369.00	109.35	-	109.35
N.Plainfield Boro	29	-	-	-	-	4	4	80.00	-	11	4	-	15	615.00	219.25	-	139.25
Peapack-Gladstone Boro	31	-	-	-	-	-	-	-	-	1	-	-	1	22.03	10.00	-	10.00
Raritan Town	29-31	-	-	1	2	6	9	255.15	-	5	9	-	14	574.00	253.36	1.80	-
Somerville	28-29	-	-	41	-	3	44	2,239.15	-	17	37	-	54	2,214.00	998.35	1,240.80	-
Watchung	29	-	-	-	-	1	1	20.00	-	3	-	-	3	123.00	36.45	-	16.45
TOTAL		-	1	57	3	69	130	$4,486.62	1	95	103	1	200	$7,563.16	$3,336.56	$1,619.52	$469.45

SUSSEX COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE-EXISTING UNITS (candle power) UNDER 1000	600	400	250	100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS: NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Hamburg	23-31	-	-	-	-	10	10	$ 195.00	-	10	-	-	10	$ 275.00	$ 100.00	$ 95.00	$ -
Sussex Boro	8N-23	-	-	-	-	2	2	24.00	-	2	-	-	2	45.00	20.00	4.00	-
TOTAL		-	-	-	-	12	12	$ 219.00	-	12	-	-	12	$ 320.00	$ 120.00	$ 99.00	$ -

UNION COUNTY

MUNICIPAL REIMBURSEMENTS - 1942 AGREEMENTS

MUNICIPALITY	ROUTE	PRE-EXISTING UNITS (candle power) UNDER 1000	600	400	250	100	TOTAL	COST	SAFETY LIGHTING UNITS UNDER 1942 AGREEMENTS — NEW UNITS (candle power) 250	400	600	1000	TOTAL	STATE REIMB.	MUNICIPAL SHARE	SAVINGS TO MUNC.	INCREASES TO MUNC.
Cranford Twp.	28	-	-	12	-	21	33	$ 1,089.30	-	7	31	-	38	$ 1,558.00	$ 748.45	$ 340.85	$ -
Elizabeth	S24-25-27-28-		6	180	-	8	194	10,110.40	-	167	87	-	254	10,414.00	3,890.85	6,219.55	-
Garwood Boro	28	-	-	8	-	13	21	685.20	-	-	26	-	26	1,066.00	556.40	128.80	-
Hillside Twp.	24-29	-	-	1	10	2	13	503.15	-	61	3	-	64	2,624.00	805.35	-	302.20
Linden City	25-27	-	-	32	13	68	113	3,593.80	-	49	141	-	190	7,790.00	3,612.75	-	18.95
Mountainside Boro	29	-	-	-	-	5	5	100.00	-	6	2	-	8	328.00	115.70	-	15.70
Rahway	25-27	-	-	24	-	36	60	1,995.60	-	83	28	-	111	4,551.00	1,607.65	387.95	-
Roselle Boro	27	-	-	3	-	12	15	399.45	-	27	-	-	27	1,107.00	328.05	71.40	-
Roselle Park Boro	28	-	-	26	-	19	45	1,761.90	2	-	52	-	54	2,214.00	1,112.80	649.10	-
Scotch Plains Twp	29	-	-	-	-	5	5	101.50	-	9	-	-	9	369.00	109.35	-	7.85
Springfield Twp.	24-S24-29-		43	-	-	18	61	3,319.20	3	-	86	-	89	3,684.60	2,322.00	997.20	-
Summit City	24	-	-	-	-	19	19	399.00	-	32	-	-	32	1,324.80	422.40	-	23.40
Union Twp.	24-S24-29-		-	53	81	-	134	6,137.95	-	-	272	-	272	11,152.00	5,820.80	317.15	-
Westfield Town	28	-	-	40	38	1	79	3,704.00	-	8	51	-	59	2,419.00	1,188.60	2,515.40	-
TOTAL		-	49	379	142	227	797	$33,900.45	5	449	779	-	1233	$50,601.40	$22,641.15	$11,627.40	$368.10

WARREN COUNTY

Hackettstown	6	-	-	35	-	12	47	$ 2,494.83	-	-	30	-	30	$ 766.00	$ 2,488.83	$ 6.00	$ -
Washington Boro	24-30	-	-	-	12	5	17	305.00	-	17	3	-	20	418.63	230.00	75.00	-
TOTAL		-	-	35	12	17	64	$ 2,799.83	-	17	33	-	50	$ 1,184.63	$ 2,718.83	$ 81.00	$ -

NEW JERSEY STATE HIGHWAY DEPARTMENT

ELECTRICAL DIVISION - TRAFFIC SIGNALS BUREAU

TRAFFIC SIGNAL MAINTENANCE - 1941

Highway Traffic Signals in Operation		124
Bridge Traffic Signals in Operation		28
Total Traffic Signals in Operation		152
Type of Operation:		
Fully traffic actuated (Normal Green)		5
Semi traffic actuated (Normal Green)	38	
Semi traffic actuated (Normal out)	57	
Semi traffic actuated		95
Flasher		13
Prefixed		7
Manual (on State Highway roadways)		4
Manual (on State Highway bridges)		28
		152
Routine Inspections		2469
Emergency Calls		235
		2704

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
ROUTINE INSPECTIONS	251	108	241	241	174	205	153	175	216	181	244	280	2469
EMERGENCY CALLS	19	13	17	6	25	21	24	27	18	17	27	21	235
TOTAL SERVICES	270	121	258	247	199	226	177	202	234	198	271	301	2704
SIGNAL INSTALLATIONS:													
New	1	1	-	-	3	-	1	3	1	2	1	2	15
Revamped	-	-	-	-	-	-	-	-	-	1	-	-	1
													16
TOTAL SIGNALS IN OPERATION	110	111	111	111	114	114	115	118	119	121	122	124	124

NEW JERSEY STATE HIGHWAY DEPARTMENT

ELECTRICAL DIVISION - TRAFFIC SIGNALS BUREAU

TRAFFIC SIGNALS PLACED IN SERVICE - 1941

JOB NO.	ROUTE	LOCATION	TYPE	DATE IN SERVICE
714	7	Park Avenue, Nutley	Fully-Actuated	12/3/41
2401	24	Millburn Ave.,Millburn (Revamped)	Fully-Actuated	10/21/41
220	2	Orient Way, Rutherford	Semi-Actuated	12/5/41
2703	27	Inman Avenue, Rahway	Semi-Actuated	5/13/41
2704	27	West Scott Avenue, Rahway	Semi-Actuated	5/21/41
2705	27	West Milton Avenue, Rahway	Semi-Actuated	5/24/41
4313	43	Warwick Road, Magnolia	Semi-Actuated	10/9/41
4314	43	Evesham Road, Magnolia	Semi-Actuated	10/29/41
4514	45	Market Street, Gloucester	Semi-Actuated	8/4/41
4451	44-S44	Bridgeport	Semi-Actuated	1/29/41
462	4-S40	Manahawkin	Semi-Actuated	9/3/41
1001	10	Wittpenn Bridge	Manual	8/1/41
322	3	Roosevelt Avenue, Secaucus	Prefixed	8/26/41
713	7	Passaic Avenue, Nutley	Prefixed	11/12/41
3534	35	Entrance Fort Monmouth	Manual	2/7/41
3022	30	East Main Street, Flemington	Flasher	7/12/41

NEW JERSEY STATE HIGHWAY DEPARTMENT

ELECTRICAL DIVISION - SIGNS BUREAU

ELECTRIC DIRECTIONARY AND CAUTIONARY SIGNS

JOB NO.	ROUTE	LOCATION	CAUTIONARY	DIRECTIONARY	TOTAL	TYPE
107	*1	Ridgefield Circle	3	7	10	Fluorescent
112	1-3	North Bergen Circle	3	10	13	Incandescent
117	1-10-25	Wallis Avenue Circle	4	14	18	Incandescent
148	1-4-6	George Washington Bridge Plaza	1	26	27	Incandescent
204	2-4	Paramus Cloverleaf	-	12	12	Incandescent
312	3	Lincoln Tunnel Approach	-	4	4	Incandescent
403	4-25	Woodbridge Cloverleaf	-	20	20	Incandescent
436	**4-33	Freehold Circle	5	15	20	Incandescent
444	*4	Cheesequake Control	-	4	4	Fluorescent
605	6-23	Singac Circle	4	15	19	Incandescent
605	6-10	Ledgewood Control	4	10	14	Incandescent
618	6	Morsemere Grade Separation	-	2	2	Incandescent
685	6-31	Netcong Grade Separation	3	16	19	Incandescent
1007	10	Lake Hopatcong Grade Separation	2	5	7	Incandescent
1202	12-29-30	Flemington Circle	4	12	16	Fluorescent
2310	*23	Smith Mills Control	-	2	2	Fluorescent
2403	24-28	Still Valley Circle	3	5	8	Fluorescent
2404	24-28	Lopatcong Connecting Link	2	2	4	Fluorescent
2405	*24-28	Straw Church Circle	3	6	9	Fluorescent
2503	***25	Camden Circle	5	10	15	Fluorescent
2519	25	Pulaski Skyway Down Ramp	-	3	3	Incandescent
2524	25	Woodbridge Avenue, Highland Park	-	1	1	Incandescent
2529	***25	Bayway Circle	4	9	13	Fluorescent
2532	21-25-29	Newark Junction	3	12	15	Incandescent
2554	25	Burlington-Bristol Bridge Approach	-	1	1	Incandescent
2558	25-33	Hightstown By-Pass	-	2	2	Incandescent
2570a	25	Pulaski Skyway, Jersey City	-	1	1	Incandescent
2570b	1-10-25	Pulaski Skyway, Tonnelle Ave.Circle	-	16	16	Incandescent
2570c	*1-10-25	Pulaski Skyway, Tonnelle Ave.Control	-	3	3	Fluorescent
2577	25	Green Street Circle	2	12	14	Incandescent
2603	26	Penns Neck Circle	4	4	8	Incandescent
2604	26	South of Penns Neck Circle	1	-	1	Fluorescent
2604	26	Penns Neck Circle	2	-	2	Neon
2606	26	Jersey Avenue, New Brunswick	1	2	3	Incandescent
2607	26	Livingston Avenue, New Brunswick	-	2	2	Incandescent
2905	29-S24	Union Grade Separation	-	7	7	Incandescent
2906	28-29-31	Somerville Circle	5	13	18	Incandescent
2918	29	Mountain Avenue Circle	3	6	9	Incandescent
3310	33-34	Lippincott's Corner Separation	2	6	8	Incandescent
3312	33-34	Hurley's Corner Circle	3	12	15	Incandescent
3406	34-35	Brielle Circle	4	14	18	Fluorescent
3506	*35	Asbury Avenue	4	14	18	Fluorescent
3525	*35-36	Keyport Junction	2	3	5	Fluorescent

ELECTRIC DIRECTIONARY AND CAUTIONARY SIGNS

JOB NO.	ROUTE	LOCATION	CAUTIONARY	DIRECTIONARY	TOTAL	TYPE
3529	*35	Red Bank	-	2	2	Fluorescent
3533	35	South Approach, Edison Bridge	-	5	5	Incandescent
3536	*35	Catherine Street, South Amboy	1	-	1	Neon
3570	4-35	South Amboy Circle	1	5	6	Incandescent
3571	4-35	South Amboy Control	-	4	4	Incandescent
3572	35	Morgan Grade Separation	1	2	3	Incandescent
3813	*38-40	Browning Road Circle	5	16	21	Fluorescent
3814	*38-41-S41	Kings Highway Circle	6	12	18	Fluorescent
3913	*39-40	Red Lion Circle	4	12	16	Fluorescent
4006	34-35-40	Laurelton Circle	5	14	19	Incandescent
4010	*40-S41	Marlton Circle	4	10	14	Fluorescent
4308	43-45	Collingswood Circle	4	10	14	Fluorescent
4310	43-50	Egg Harbor City Junction	-	1	1	Incandescent
6002	25-S28	New Brunswick Circle	4	8	12	Incandescent
7505	25	Lockwood St. Ramp, Newark	-	1	1	Incandescent
7506	*25	Pulaski Skyway	-	2	2	Fluorescent
7512	*25-S26	Berdine's Corner Circle	4	13	17	Fluorescent
7515	*25-39	Bordentown Junction	-	2	2	Fluorescent
7516	*25-39	Bordentown Junction	-	2	2	Fluorescent

Installed Prior to January 1, 1941:

38	Incandescent Locations	68	297	365
6	Fluorescent Locations	18	43	61
1	Neon Location	2	-	2
45		88	340	428

Installed During 1941:

-	Incandescent Locations	-	2	2	Added
18	Fluorescent Locations	44	129	173	
1	Neon Locations	1	-	1	
19		45	131	176	

Removed during 1941:

2	Incandescent Locations (Converted to Fluorescent	8	10	18

Signs in Service December 31, 1941:

36	Incandescent Locations	60	289	349
24	Fluorescent Locations	62	172	234
2	Neon Locations	3	-	3
62		125	461	586

* Installed during 1941.
** Added to existing installation.
*** Revamped.

NEW JERSEY STATE HIGHWAY DEPARTMENT

ELECTRICAL DIVISION - SIGNS BUREAU

ELECTRIC DIRECTIONARY AND CAUTIONARY SIGNS

PLACED IN SERVICE - 1941

JOB NO.	ROUTE	LOCATION	CAUTIONARY	DIRECTIONARY	TOTAL	TYPE	DATE IN SERVICE
107	1	Ridgefield Circle	3	7	10	Fluorescent	5/13/41
436	4&33	Freehold Circle	-	2	2	Series	**10/15/41
444	4	Cheesequake Control	-	4	4	Fluorescent	12/30/41
2310	23	Smith Mills Control	-	2	2	Fluorescent	11/6/41
2405	24&28	Straw Church Circle	3	6	9	Fluorescent	3/3/41
2503	25	Camden Circle (Revamped)	5	10	15	Fluorescent***	3/21/41
2529	25	Bayway Circle (Revamped)	4	9	13	Fluorescent***	1/22/41
2570c	1,10,25	Tonnele Avenue Control	-	3	3	Fluorescent	3/25/41
3506	35	Asbury Avenue Circle	4	14	18	Fluorescent	3/7/41
3525	35&36	Keyport Junction	2	3	5	Fluorescent	2/11/41
3529	35	Red Bank	-	2	2	Fluorescent	1/11/41
3536	35	Catherine St.,S.Amboy	1	-	1	Neon	7/12/41
3813	38&40	Browning Road Circle	5	16	21	Fluorescent	5/30/41
3814	38,41,S41	Kings Highway Circle	6	12	18	Fluorescent	6/20/41
3913	39&40	Red Lion Circle	4	12	16	Fluorescent	9/25/41
4010	40&S41	Marlton Circle	4	10	14	Fluorescent	9/3/41
7506	25	Pulaski Skyway	-	2	2	Fluorescent	7/30/41
7512	25&S26	Berdine's Corner Circle	4	13	17	Fluorescent	9/5/41
7515	25&39	Bordentown Junction	-	2	2	Fluorescent	9/5/41
7516	25&39	Bordentown Junction	-	2	2	Fluorescent	10/14/41
		TOTALS - 20 LOCATIONS	45	131	176		

*** Existing signs revamped.
** Added during 1941 to existing installation.

NEW JERSEY STATE HIGHWAY DEPARTMENT

ELECTRICAL DIVISION - SIGNS BUREAU

ELECTRIC CAUTIONARY AND DIRECTIONARY SIGNS

AUTHORIZED 1941 - UNDER CONSTRUCTION - TO BE COMPLETED 1942

JOB. NO.	ROUTE	LOCATION	CAUTIONARY	DIRECTIONARY	TOTAL	TYPE
208	2	*Ramsey Circle	3	8	11	Fluorescent
218	2 & 6	Hasbrouck Heights	-	10	10	Fluorescent
475	4 &S4	Perth Amboy Circle	4	8	12	Fluorescent
2327	23	Black Oak Ridge Road	5	9	14	Fluorescent
2610	26&27	Trenton Circle	3	9	12	Fluorescent
2903	29	Westfield Ave., Mountainside	-	4	4	Fluorescent
3705	37&39	*White Horse Circle	4	9	13	Fluorescent
4207	42&48	McKee City Circle	2	6	8	Neon
4807	48	Tilton Road Circle	2	8	10	Neon
4808	48	Margate Road Circle	1	6	7	Neon
6201	40&S40	Four-Mile Circle	5	14	19	Fluorescent
6306	S41&43	Berlin Control	-	2	2	Fluorescent
6625	4N&35	Locust Ave.Circle, Eatontown	5	9	14	Fluorescent
		TOTALS - 13 LOCATIONS	34	102	136	

*NOTE: With the exception of the White Horse and Ramsey circles, where construction has not yet started, the basic work such as the underground construction, foundations, transformer pits, conduits and services to utility companies poles has been completed for the above 112 signs at 11 locations.

NEW JERSEY STATE HIGHWAY DEPARTMENT

ELECTRICAL DIVISION - SAFETY BUREAU

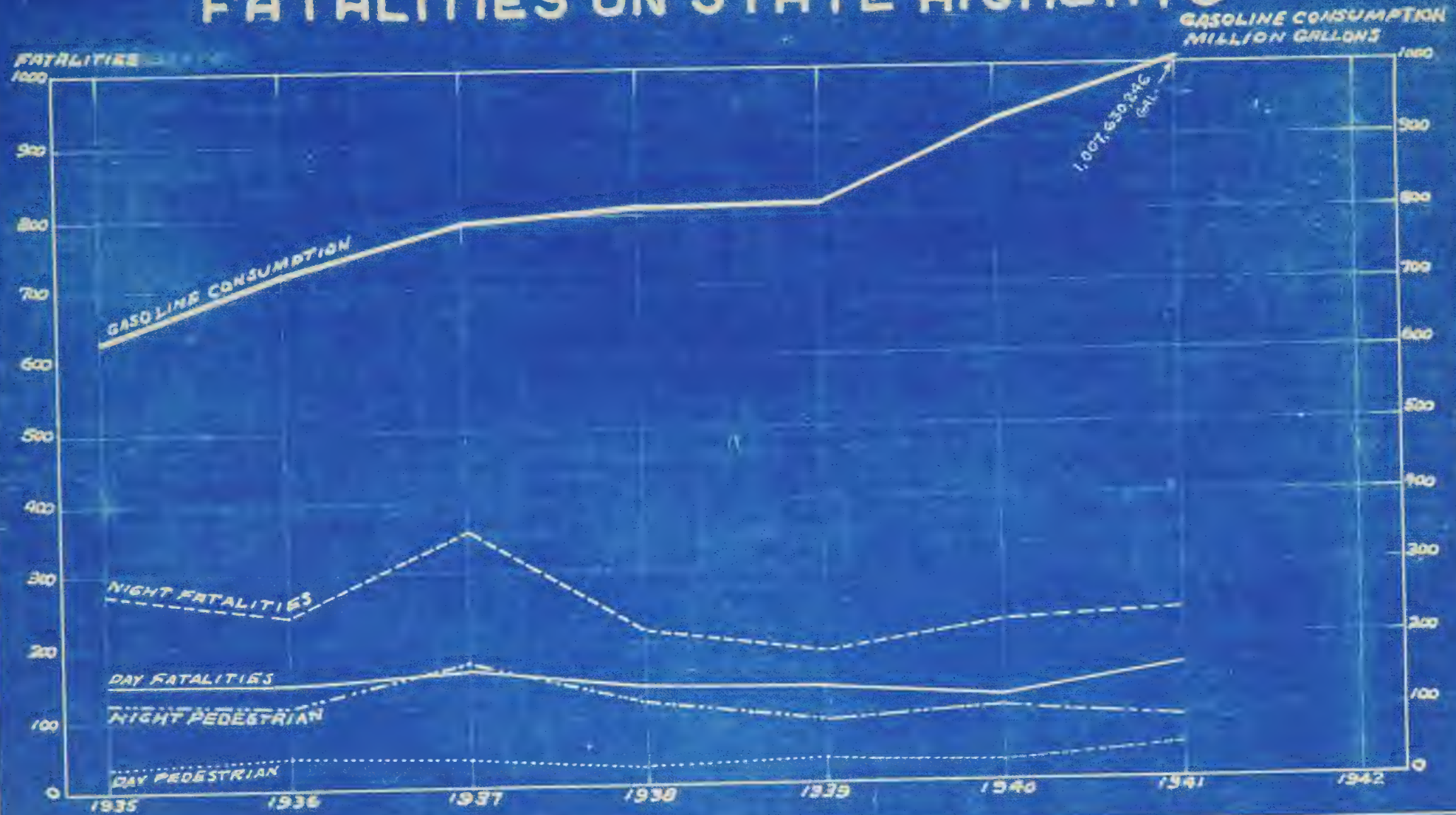
FATALITIES AND FATAL ACCIDENTS ON NEW JERSEY STATE HIGHWAYS

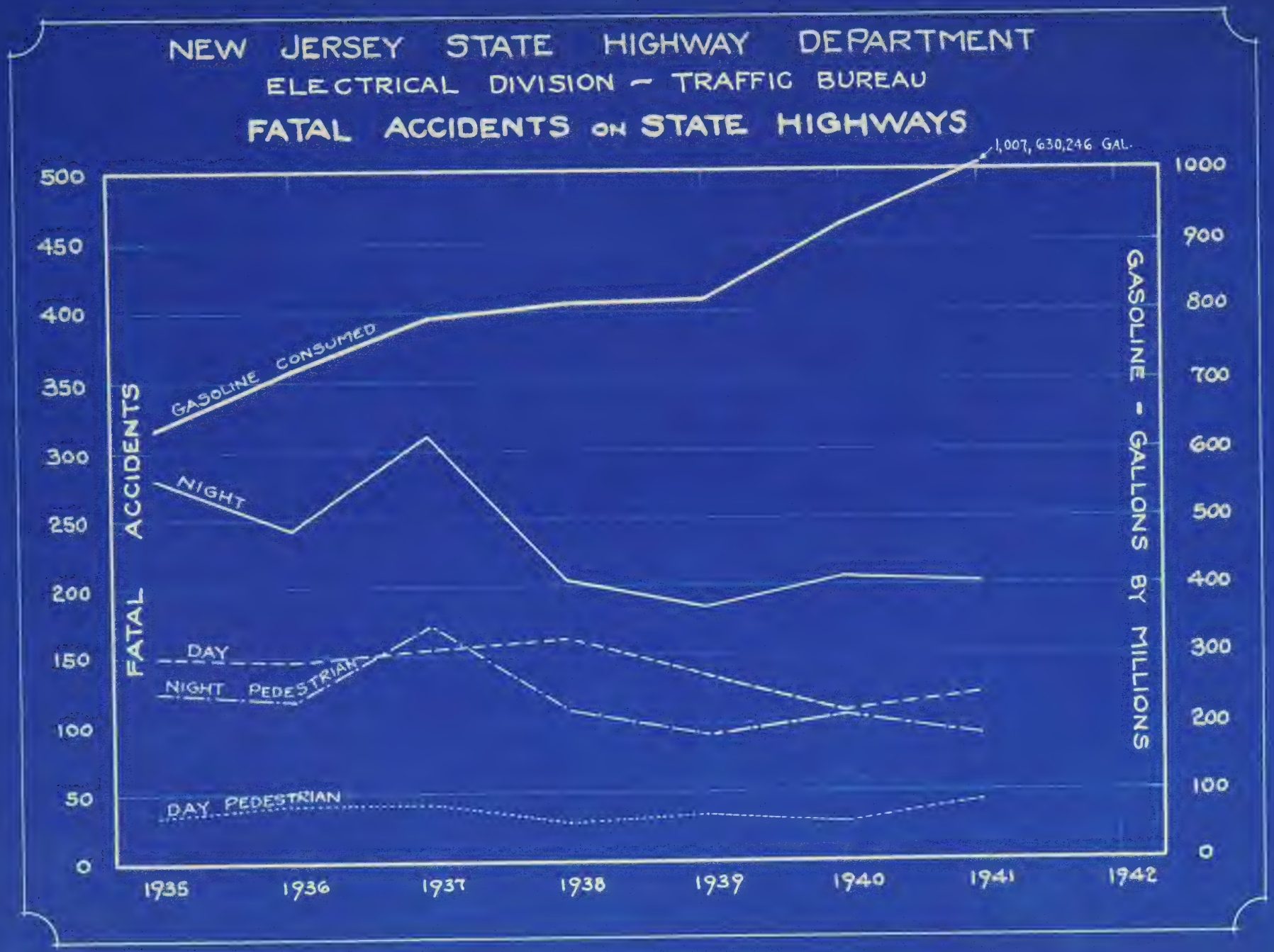
	1935	1936	1937	1938	1939	1940	1941
PERSONS KILLED							
DAY	150	147	162	133	138	122	169
NIGHT	278	241	360	213	191	225	230
TOTALS	428	388	522	346	329	347	399
PEDESTRIANS KILLED							
DAY	37	41	39	24	32	29	47
NIGHT	124	118	174	117	96	108	96
TOTALS	161	159	213	141	128	137	143
NON-PEDESTRIAN DEATHS							
DAY	113	106	123	109	106	93	122
NIGHT	154	123	186	96	95	117	134
TOTALS	267	229	309	205	201	210	256
FATAL ACCIDENTS							
DAY	128	134	137	107	122	108	142
NIGHT	250	221	317	197	175	205	202
TOTALS	378	355	454	304	297	313	344
FATAL PEDESTRIAN ACCIDENTS							
DAY	37	41	39	24	32	28	47
NIGHT	122	117	173	114	94	105	92
TOTALS	159	158	212	138	126	133	139
FATAL NON-PEDESTRIAN ACCIDENTS							
DAY	91	93	98	83	90	80	95
NIGHT	128	104	144	83	81	100	110
TOTALS	219	197	242	166	171	180	205

NEW JERSEY STATE HIGHWAY DEPT.

ELECTRICAL DIVISION ~ TRAFFIC BUREAU

FATALITIES ON STATE HIGHWAYS




NEW JERSEY STATE HIGHWAY DEPARTMENT
ELECTRICAL DIVISION – TRAFFIC BUREAU
FATAL ACCIDENTS ON STATE HIGHWAYS
1,007,630,246 GAL.
GASOLINE CONSUMED
NIGHT
DAY
NIGHT PEDESTRIAN
DAY PEDESTRIAN
FATAL ACCIDENTS
GASOLINE - GALLONS BY MILLIONS
500
450
400
350
300
250
200
150
100
50
0
1000
900
800
700
600
500
400
300
200
100
0
1935
1936
1937
1938
1939
1940
1941
1942

NEW JERSEY STATE HIGHWAY DEPARTMENT
Electrical Division
Operation of Bridges - 1941

BRIDGE NO.	OPERATIONS	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
Hackensack River Secaucus 2.5/3	Test Openings	5	-	3	1	5	28	-	3	1	3	4	3	56
	Boat Openings	24	39	23	16	26	28	26	32	19	33	25	18	309
	Total:	29	39	26	17	31	56	26	35	20	36	29	21	365
	Minutes closed to traffic	187	235	175	106	183	380	182	245	129	242	211	148	2423
Nacote Creek Smithville 51.3/4	Test Openings	2	2	2	2	-	-	1	2	2	2	1	-	16
	Boat Openings	-	-	-	-	3	2	1	-	-	-	1	-	7
	Total:	2	2	2	2	3	2	2	2	2	2	2	-	23
	Minutes closed to traffic	12	18	21	15	30	20	15	12	11	10	16	-	180
Mullica River Smithville 53.0/4	Test Openings	-	5	-	-	-	-	-	-	-	-	-	-	5
	Boat Openings	17	5	27	47	57	63	95	63	70	26	24	20	514
	Total:	17	10	27	47	57	63	95	63	70	26	24	20	519
	Minutes closed to traffic	104	66	170	300	366	399	593	389	444	161	150	125	3267
Bass River New Gretna 56.7/4	Test Openings	4	4	4	4	4	5	4	4	4	3	5	4	49
	Boat Openings	-	-	-	-	-	-	-	-	-	4	-	-	4
	Total:	4	4	4	4	4	5	4	4	4	7	5	4	53
	Minutes closed to traffic	17	17	17	18	17	21	18	16	18	35	23	19	236
Shark River Sterner Bridge 75.8/4N	Test Openings	6	1	1	4	1	-	1	2	1	-	1	1	19
	Boat Openings	6	-	9	19	187	249	299	588	264	125	90	34	1870
	Total:	12	1	10	23	188	249	300	590	265	125	91	35	1889
	Minutes closed to traffic	54	5	39	102	756	938	1305	2506	1111	534	387	146	7883

BRIDGES CONTINUED

BRIDGE NO.	OPERATIONS	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
Raritan River Victory Bridge 135.1/4	Test Openings	-	-	-	-	10	-	3	2	8	-	3	-	26
	Boat Openings	163	151	146	110	188	272	211	262	196	238	171	191	2299
	Total:	163	151	146	110	198	272	214	264	204	238	174	191	2325
	Minutes closed to traffic	890	828	811	598	1216	1528	1162	1420	1140	1268	943	1037	12841
Hackensack River Little Ferry 4.0/6E	Test Openings	1	-	8	-	3	-	6	1	2	8	2	1	32
	Boat Openings	16	18	17	13	12	14	13	18	9	24	22	14	190
	Total:	17	18	25	13	15	14	19	19	11	32	24	15	222
	Minutes closed to traffic	86	96	165	68	80	70	98	100	64	201	135	99	1262
Hackensack River Wittpenn Bridge Jersey City 50.5/10	Test Openings	3	5	11	23	12	7	13	12	11	7	9	5	118
	Boat Openings	85	100	72	61	94	102	102	132	71	110	107	95	1131
	Total:	88	105	83	84	106	109	115	144	82	117	116	100	1249
	Minutes closed to traffic	548	596	514	460	554	626	681	785	556	660	628	558	7166
Cooper River Camden 0.6/25	Test Openings	7	3	4	3	3	2	1	-	4	12	3	2	44
	Boat Openings	70	62	69	101	92	61	77	84	73	107	62	56	914
	Total:	77	65	73	104	95	63	78	84	77	119	65	58	958
	Minutes closed to traffic	347	283	332	438	422	246	310	358	325	482	257	238	4038
Rancocas River Bridgeboro 12.7/25	Test Openings	6	4	1	-	-	-	2	17	1	2	-	2	35
	Boat Openings	4	4	10	31	39	38	31	36	49	28	34	16	320
	Total:	10	8	11	31	39	38	33	53	50	30	34	18	355
	Minutes closed to traffic	53	42	56	176	224	212	195	288	270	165	186	98	1965
Passaic River Newark 56.7/25M	Test Openings	-												-
	Boat Openings	776	OLD BRIDGE											776
	Total:	776												776
	Minutes closed to traffic	3981												3981

BRIDGES CONTINUED

BRIDGE NO.	OPERATIONS	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
Passaic River New Newark 56.7/25M	Test Openings	-	36	51	4	11	9	13	6	1	1	3	4	139
	Boat Openings	43	153	169	239	216	198	191	192	226	187	163	185	2162
	Total:	43	189	220	243	227	207	204	198	227	188	166	189	2301
	Minutes closed to traffic	299	1242	1573	1514	1386	1235	1292	1242	1370	1153	1003	1209	14518
Hackensack River Kearny 57.8/25M	Test Openings	1	2	3	1	-	-	1	1	3	1	1	2	16
	Boat Openings	573	584	620	467	579	613	599	815	586	592	553	649	7230
	Total:	574	586	623	468	579	613	600	816	589	593	554	651	7246
	Minutes closed to traffic	2725	2847	2859	2078	2550	2661	2658	3491	2571	2729	2488	3072	32729
Manasquan River Manasquan 3.2/34	Test Openings	-	2	7	2	8	5	8	4	-	-	-	14	50
	Boat Openings	1	-	2	11	30	98	63	93	68	21	2	-	389
	Total:	1	2	9	13	38	103	71	97	68	21	2	14	439
	Minutes closed to traffic	5	15	45	72	172	375	235	347	220	69	8	66	1629
Inland Waterway Point Pleasant 8.6/35	Test Openings	3	4	9	7	7	1	20	39	3	16	8	22	139
	Boat Openings	7	12	11	58	171	280	529	630	369	179	71	16	2333
	Total:	10	16	20	65	178	281	549	669	372	195	79	38	2472
	Minutes closed to traffic	62	76	110	359	915	1105	1990	2439	1261	702	296	172	9487
Manasquan River Point Pleasant 11.4/35	Test Openings	5	3	6	15	45	4	2	1	4	13	6	1	105
	Boat Openings	7	11	23	88	297	581	884	1095	713	274	92	16	4081
	Total:	12	14	29	103	342	585	886	1096	717	287	98	17	4186
	Minutes closed to traffic	64	46	128	375	1161	1900	2888	3499	2242	932	320	55	13610
Shark River Belmar 18.1/35	Test Openings	3	3	4	1	-	14	1	-	-	-	-	2	28
	Boat Openings	5	-	7	18	182	252	299	597	271	116	89	32	1868
	Total:	8	3	11	19	182	266	300	597	271	116	89	34	1896
	Minutes closed to traffic	28	17	47	67	693	986	1071	2160	906	367	402	200	6944

BRIDGES CONTINUED

BRIDGE NO.	OPERATIONS	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
Matawan Creek Keyport 41.2/35	Test Openings	1	-	2	2	1	2	2	2	2	2	2	2	20
	Boat Openings	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total:	1	-	2	2	1	2	2	2	2	2	2	2	20
	Minutes closed to traffic	6	-	12	12	6	12	12	12	12	12	12	12	120
Cheesequake River Morgan 43.9/35	Test Openings	4	9	4	3	3	5	-	-	-	-	4	3	35
	Boat Openings	6	-	-	12	49	119	231	240	105	40	10	7	819
	Total:	10	9	4	15	52	124	231	240	105	40	14	10	854
	Minutes closed to traffic	40	36	16	60	260	636	924	960	420	160	56	48	3616
Shrewsbury River Highlands 12.6/36	Test Openings	11	16	15	11	7	3	-	1	2	1	12	10	89
	Boat Openings	-	1	-	10	18	33	65	74	31	25	2	3	262
	Total:	11	17	15	21	25	36	65	75	33	26	14	13	351
	Minutes closed to traffic	62	110	93	152	184	278	535	578	253	242	100	87	2674
Oldman's Creek Nortonville 5.4/44	Test Openings	5	6	3	5	8	5	4	4	3	7	3	5	58
	Boat Openings	-	-	2	-	1	1	-	1	-	-	4	-	9
	Total:	5	6	5	5	9	6	4	5	3	7	7	5	67
	Minutes closed to traffic	35	49	38	36	72	43	28	37	23	49	51	36	497
Raccoon Creek Bridgeport 8.5/44	Test Openings Accepted	8	7	4	-	-	1	1	2	5	2	2		32
	Boat Openings Feb. 4,	4	34	40	26	25	25	27	25	19	22	5		252
	Total: 1941	12	41	44	26	25	26	28	27	24	24	7		284
	Minutes closed to traffic	-	82	238	270	157	129	129	180	156	140	148	45	1674
Mantua Creek Paulsboro 16.3/44	Test Openings	13	9	1	12	3	4	8	1	2	7	7	7	74
	Boat Openings	2	8	15	6	21	21	32	40	37	29	25	13	249
	Total:	15	17	16	18	24	25	40	41	39	36	32	20	323
	Minutes closed to traffic	150	170	160	180	240	250	397	410	390	370	284	205	3206

BRIDGES CONTINUED

BRIDGE NO.	OPERATIONS	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
Woodbury Creek Woodbury 19.9/44	Test Openings	8	4	5	4	4	3	9	27	5	27	4	4	104
	Boat Openings	-	-	2	9	12	43	51	57	55	23	8	1	261
	Total:	8	4	7	13	16	46	60	84	60	50	12	5	365
	Minutes closed to traffic	34	18	32	54	55	150	216	435	237	207	52	20	1510
Alloway Creek Quinton 2.8/49	Test Openings	1	1	1	-	1	1	-	1	1	-	1	1	9
	Boat Openings	-	-	-	2	-	-	1	-	-	2	-	-	5
	Total:	1	1	1	2	1	1	1	1	1	2	1	1	14
	Minutes closed to traffic	8	10	10	20	10	10	10	10	10	25	10	10	143
Cohansey River Bridgeton 15.3/49	Test Openings	3	3	4	2	1	1	3	3	6	2	4	3	35
	Boat Openings	2	1	-	1	5	4	1	1	-	2	2	1	20
	Total:	5	4	4	3	6	5	4	4	6	4	6	4	55
	Minutes closed to traffic	27½	26½	25½	17½	33½	30	23	25	37½	25½	40	27	338½
Maurice River Millville 26.1/49	Test Openings	-	2	3	4	8	1	1	1	3	-	-	-	23
	Boat Openings	9	9	4	11	11	7	3	8	11	11	9	8	101
	Total:	9	11	7	15	19	8	4	9	14	11	9	8	124
	Minutes closed to traffic	64	125	65	152	150	75	35	76	132	87	84	76	1121
Menantico Creek Millville 30.3/49	Test Openings	2	2	2	2	2	1	-	-	1	1	2	1	16
	Boat Openings	-	-	-	-	-	-	BRIDGE UNDER REPAIR		-	-	-	-	-
	Total:	2	2	2	2	2	1			1	1	2	1	16
	Minutes closed to traffic	30	30	20	20	20	10			15	10	20	10	185
Tuckahoe River Tuckahoe 7.2/50	Test Openings	1	1	1	1	1	-	-	-	1	4	7	-	17
	Boat Openings	11	7	3	-	26	2	6	4	-	1	1	1	62
	Total:	12	8	4	1	27	2	6	4	1	5	8	1	79
	Minutes closed to traffic	87	61	29	7	210	13	40	30	8	33	49	7	574

BRIDGES CONTINUED

BRIDGE NO.	OPERATIONS	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
Island Heights 112.4/4	Test Openings	1	1	1	-	1	-	-	-	-	-	1	2	7
	Boat Openings	20	31	34	85	243	366	852	1168	622	250	119	35	3825
	Total:	21	32	35	85	244	366	852	1168	622	250	120	37	3832
	Minutes closed to traffic	110	160	180	430	953	1148	2552	3411	2048	839	621	207	12659
Long Beach 115.4/4	Test Openings	-	-	-	1	1	-	-	-	-	-	-	1	3
	Boat Openings	20	15	17	87	166	236	316	406	182	143	85	31	1704
	Total:	20	15	17	88	167	236	316	406	182	143	85	32	1707
	Minutes closed to traffic	120	95	105	490	905	1270	1705	2170	990	795	485	175	9305
Ocean City 500/4	Test Openings	5	3	2	2	1	2	1	5	3	-	1	1	26
	Boat Openings	12	2	13	72	181	266	719	981	368	120	74	67	2875
	Total:	17	5	15	74	182	268	720	986	371	120	75	68	2901
	Minutes closed to traffic	143	38	129	453	1088	1464	3834	5237	1925	612	439	436	15798
Somers Point 501/4	Test Openings	-	1	1	3	5	-	1	2	3	5	1	1	23
	Boat Openings	1	-	1	3	16	23	52	80	61	16	8	-	261
	Total:	1	1	2	6	21	23	53	82	64	21	9	1	284
	Minutes closed to traffic	8	6	20	55	152	159	365	580	453	144	71	5	2018
Lovelandtown Bridge Road	Test Openings	-	1	1	-	4	79	2	6	1	3	-	11	108
	Boat Openings	29	39	23	60	159	262	487	558	368	166	66	15	2232
	Total:	29	40	24	60	163	341	489	564	369	169	66	26	2340
	Minutes closed to traffic	126	160	96	204	517	1212	1531	1756	1130	528	204	87	7551
Combined Totals of all STATE HIGHWAY DEPT. Controlled Bridges	Test Openings	101	141	167	123	160	182	108	148	80	132	97	117	1556
	Boat Openings	1909	1256	1353	1677	3107	4259	6261	8282	4849	2911	1941	1529	39334
	Total:	2010	1397	1520	1800	3267	4441	6369	8430	4929	3043	2038	1646	40890
	Minutes closed to traffic	10512½	7605½	8330½	9358½	15737½	19591	27029	35204	20877½	13988½	10179	8735	187148½

NEW JERSEY STATE HIGHWAY DEPARTMENT

Electrical Division - Bureau of Bridge Operations

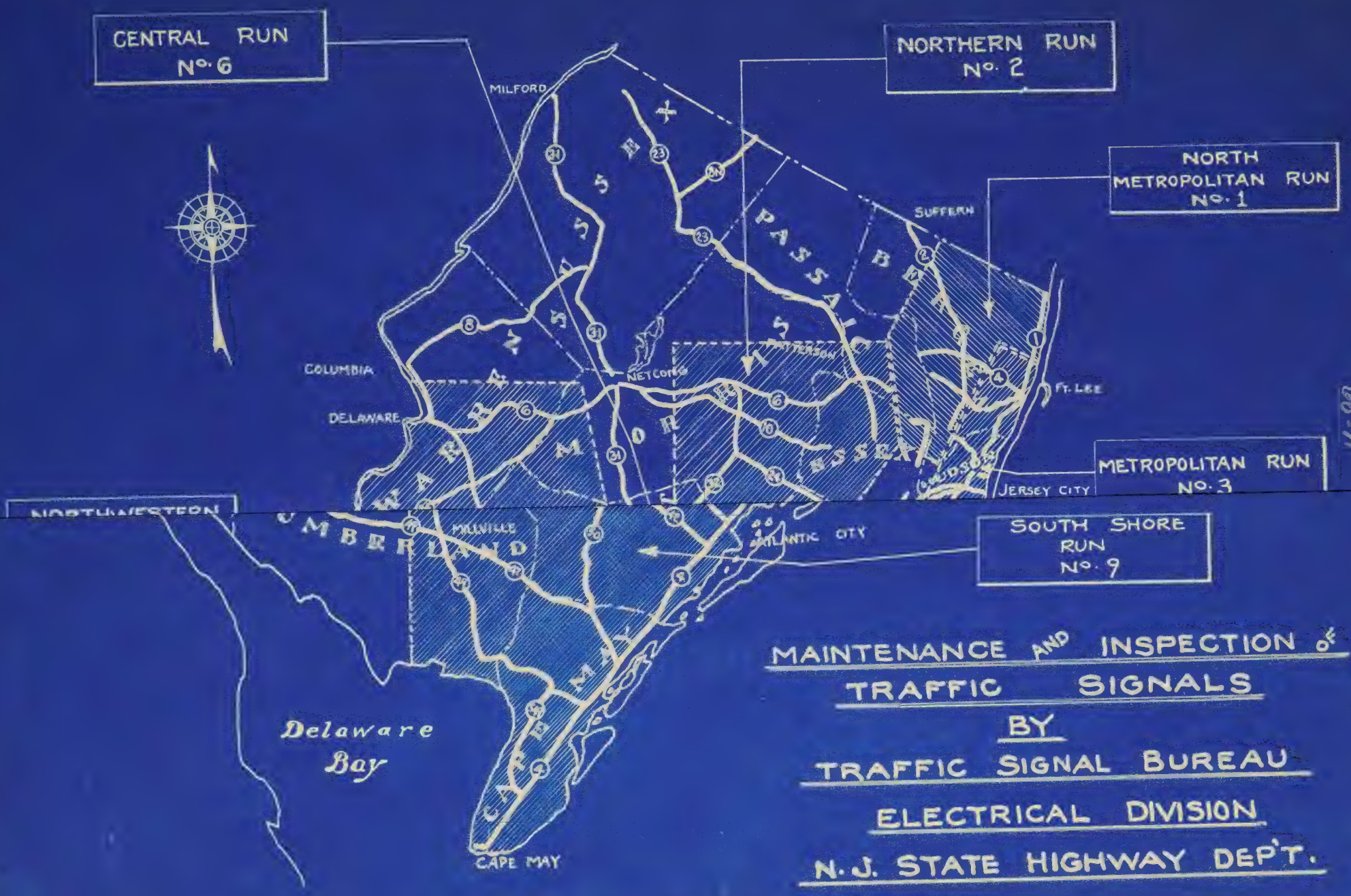
Comparison 1940 - 1941

Bridge No.	Location	Operations	1940	1941	Variation in 1941
2.5/3	Hackensack River Secaucus	Test Openings	36	56	+ 20
		Boat Openings	338	309	- 29
		Total:	374	365	- 9
		Minutes closed to traffic	2693	2423	- 270
51.3/4	Nacote Creek Smithville	Test Openings	17	16	- 1
		Boat Openings	8	7	- 1
		Total:	25	23	- 2
		Minutes closed to traffic	193	180	- 13
53.0/4	Mullica River Smithville	Test Openings	32	5	- 27
		Boat Openings	392	514	+ 122
		Total:	424	519	+ 95
		Minutes closed to traffic	2535	3267	+ 732
56.7/4	Bass River New Gretna	Test Openings	53	49	- 4
		Boat Openings	2	4	+ 2
		Total:	55	53	- 2
		Minutes closed to traffic	256	236	- 20
75.8/4N	Shark River Sterner Bridge	Test Openings	32	19	- 13
		Boat Openings	1313	1870	+ 557
		Total:	1345	1889	+ 544
		Minutes closed to traffic	4730	7883	+ 3153
135.1/4	Raritan River Victory Bridge	Test Openings	6	26	+ 20
		Boat Openings	2771	2299	- 472
		Total:	2777	2325	- 452
		Minutes closed to traffic	15632	12841	- 2791
40/6E	Hackensack River Little Ferry	Test Openings	41	32	- 9
		Boat Openings	220	190	- 30
		Total:	261	222	- 39
		Minutes closed to traffic	1442	1262	- 180
50.5/10	Hackensack River Jersey City Wittpenn Bridge	Test Openings	122	118	- 4
		Boat Openings	1078	1131	+ 53
		Total:	1200	1249	+ 49
		Minutes closed to traffic	6856	7166	+ 310

Bridge No.	Location	Operations	1940	1941	Variation in 1941
0.6/25	Cooper River Camden	Test Openings	180	44	- 136
		Boat Openings	707	914	+ 207
		Total:	887	958	+ 71
		Minutes closed to traffic	3946	4038	+ 92
12.7/25	Rancocas River Bridgeboro	Test Openings	36	35	- 1
		Boat Openings	424	320	- 104
		Total:	460	355	- 105
		Minutes closed to traffic	2581	1965	- 616
56.7/25M	Passaic River Newark Closed Jan., 1941	Test Openings	21	-	* See Footnote
		Boat Openings	11636	776	
		Total:	11657	776	
		Minutes closed to traffic	59561	3981	
56.7/25M	Passaic River Newark	Test Openings	Not open to highway traffic in 1940	139	* See Footnote
		Boat Openings		2162	
		Total:		2301	
		Minutes closed to traffic		14518	
57.8/25M	Hackensack River Kearny	Test Openings	48	16	- 32
		Boat Openings	6829	7230	+ 401
		Total	6877	7246	+ 369
		Minutes closed to traffic	30942	32729	+ 1787
3.2/34	Manasquan River Manasquan	Test Openings	38	50	+ 12
		Boat Openings	327	389	+ 62
		Total:	365	439	+ 74
		Minutes closed to traffic	1526	1629	+ 103
8.6/35	Inland Waterway Point Pleasant	Test Openings	68	139	+ 71
		Boat Openings	2452	2333	- 119
		Total:	2520	2472	- 48
		Minutes closed to traffic	9373	9487	+ 114
11.4/35	Manasquan River Point Pleasant	Test Openings	105	105	0
		Boat Openings	4160	4081	- 79
		Total:	4265	4186	- 79
		Minutes closed to traffic	13980	13610	- 370
18.1/35	Shark River Belmar	Test Openings	73	28	- 45
		Boat Openings	1305	1868	+ 563
		Total:	1378	1896	+ 518
		Minutes closed to traffic	5437	6944	+ 1507

Bridge No.	Location	Operations	1940	1941	Variation in 1941
41.2/35	Matawan Creek Keyport	Test Openings	30	20	- 10
		Boat Openings	-	-	-
		Total:	30	20	- 10
		Minutes closed to traffic	190	120	- 70
43.9/35	Cheesquake Creek Morgan	Test Openings	64	35	- 29
		Boat Openings	801	819	+ 18
		Total:	865	854	- 11
		Minutes closed to traffic	3567	3616	+ 49
12.6/36	Shrewsbury River Highlands	Test Openings	132	89	- 43
		Boat Openings	226	262	+ 36
		Total:	358	351	- 7
		Minutes closed to traffic	2666	2674	+ 8
5.4/44	Oldman's Creek Nortonville	Test Openings	106	58	- 48
		Boat Openings	30	9	- 21
		Total:	136	67	- 69
		Minutes closed to traffic	1132	497	- 635
8.5/44	Raccoon Creek Bridgeport	Test Openings	Closed	32	+ 32
		Boat Openings	Under	252	+ 252
		Total:	Construc-	284	+ 284
		Minutes closed to traffic	tion	1674	+ 1674
16.3/44	Mantua Creek Paulsboro	Test Openings	140	74	- 66
		Boat Openings	159	249	+ 90
		Total:	299	323	+ 24
		Minutes closed to traffic	3002	3206	+ 204
19.9/44	Woodbury Creek Woodbury	Test Openings	88	104	+ 16
		Boat Openings	263	261	- 2
		Total:	351	365	+ 14
		Minutes closed to traffic	1286	1510	+ 224
2.8/49	Alloway Creek Quinton	Test Openings	14	9	- 5
		Boat Openings	4	5	+ 1
		Total:	18	14	- 4
		Minutes closed to traffic	151	143	- 8
15.3/49	Cohansey River Bridgeton	Test Openings	37	35	- 2
		Boat Openings	16	20	+ 4
		Total:	53	55	+ 2
		Minutes closed to traffic	312	338½	+ 26½

Bridge No.	Location	Operations	1940	1941	Variation in 1941
26.1/49	Maurice River Millville	Test Openings	25	23	+ 2
		Boat Openings	63	101	+ 38
		Total:	88	124	+ 36
		Minutes closed to traffic	723	1121	+ 398
30.3/49	Menantico Creek Millville	Test Openings	19	16	- 3
		Boat Openings	-	-	-
		Total:	19	16	- 3
		Minutes closed to traffic	225	185	- 40
7.2/50	Tuckahoe River Tuckahoe	Test Openings	34	17	- 17
		Boat Openings	18	62	+ 44
		Total:	52	79	+ 27
		Minutes closed to traffic	250	574	+ 324
	Island Heights	Test Openings	25	7	- 18
		Boat Openings	3787	3825	+ 38
		Total:	3812	3832	+ 20
		Minutes closed to traffic	12916	12659	- 257
	Long Beach	Test Openings	18	3	- 15
		Boat Openings	1820	1704	- 116
		Total:	1838	1707	- 131
		Minutes closed to traffic	10067	9305	- 762
	Ocean City	Test Openings	52	26	- 26
		Boat Openings	3197	2875	- 322
		Total:	3249	2901	- 348
		Minutes closed to traffic	19780	15798	- 3982
	Somers Point	Test Openings	49	23	- 26
		Boat Openings	244	261	+ 17
		Total:	293	284	- 9
		Minutes closed to traffic	1959	2018	+ 59
	Lovelandtown	Test Openings	26	108	+ 82
		Boat Openings	2422	2232	- 190
		Total:	2448	2340	- 108
		Minutes closed to traffic	7786	7551	- 235
		Test Openings	*Combined Variations on New & Old Passaic River Bridges at Newark		+ 118
		Boat Openings			- 8698
		Total:			- 8580
		Minutes closed to traffic			- 41062
Combined Totals of All New Jersey State Highway Department Controlled Bridges		Test Openings	1767	1556	- 211
		Boat Openings	47012	39334	- 7678
		Total:	48779	40890	- 7889
		Minutes closed to traffic	227695 (3795 hrs. 25 m.)	187148½	- 40546½


CENTRAL RUN
No. 6
NORTHERN RUN
No. 2
NORTH METROPOLITAN RUN
No. 1
METROPOLITAN RUN
No. 3
SOUTH SHORE RUN
No. 9
NORTHWESTERN
MILFORD
SUFFERN
COLUMBIA
DELAWARE
NETCONG
PATERSON
FT. LEE
JERSEY CITY
MILLVILLE
ATLANTIC CITY
CAPE MAY
Delaware Bay
MAINTENANCE AND INSPECTION OF
TRAFFIC SIGNALS
BY
TRAFFIC SIGNAL BUREAU
ELECTRICAL DIVISION
N. J. STATE HIGHWAY DEP'T.


CENTRAL RUN
No. 6
NORTHERN RUN
No. 2
NORTH METROPOLITAN RUN
No. 1
METROPOLITAN RUN
No. 3
NORTHWESTERN RUN
No. 5
ROUTE 25 RUN
No. 4
CENTRAL SHORE RUN
No. 7
SOUTHWESTERN RUN
No. 8
SOUTH SHORE RUN
No. 9
MILFORD
SUFFERN
COLUMBIA
DELAWARE
NETCONG
FT. LEE
JERSEY CITY
PHILLIPSBURG
PERTH AMBOY
LAMBERTVILLE
MATAWAN
TRENTON
ASBURY PARK
BELMAR
LAKEHURST
CAMDEN
TOMS RIVER
HAMMONTON
SALEM
BRIDGETON
MILLVILLE
ATLANTIC CITY
CAPE MAY
Delaware Bay
MAINTENANCE AND INSPECTION OF
TRAFFIC SIGNALS
BY
TRAFFIC SIGNAL BUREAU
ELECTRICAL DIVISION
N. J. STATE HIGHWAY DEP'T.

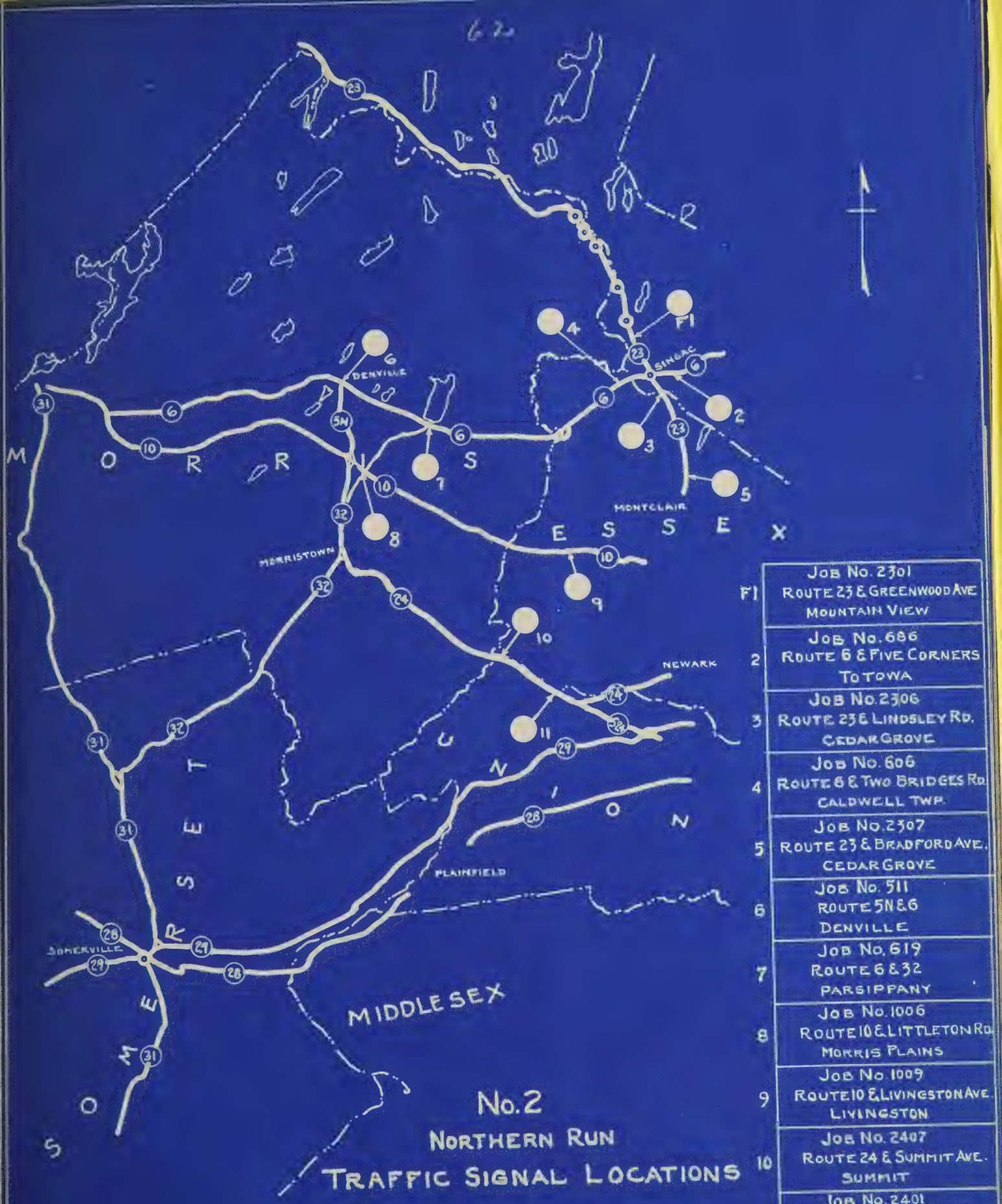
12 *	Job No. 220 Route 2 & Orient Way Rutherford
13 *	Job No. 713 Route 7 & Passaic Ave. Nutley
14 *	Job No. 714 Route 7 & Park Ave. Nutley
15 *	Job No. 1001 Route 10 & Wittpenn Br. Jersey City
1	Job No. 212 Route 2 & Allendale Ave. Saddle River
2	Job No. 214 Route 2 & Sheridan Ave. Waldwick
3	Job No. 213 Route 2 & Ridgewood Ave. Paramus
4	Job No. 465 Route 4 & Paramus Rd. Paramus
5	Job No. 466 Route 4 & Spring Valley Rd. Paramus
6	Job No. 464 Route 4 & Main St. River Edge
7	Job No. 204 Route 2 & Williams Ave. Hasbrouck Hgts.
8	Job No. 215 Route 2 & Union Ave. E. Rutherford
9	Job No. 217 Route 2 & Ridge Rd. Rutherford
10	Job No. 711 Route 7 & Elm St. North Arlington
11	Job No. 604 Route 6 & Roff Ave. Palisades Park

* = Erected in 1941

No. 1

North Metropolitan Run
Traffic Signal Locations

Electrical Division
Traffic Signal Bureau
N. J. State Highway Dept.



F1	JOB No. 2301 ROUTE 23 & GREENWOOD AVE MOUNTAIN VIEW
2	JOB No. 686 ROUTE 6 & FIVE CORNERS TOTOWA
3	JOB No. 2306 ROUTE 23 & LINDSLEY RD. CEDAR GROVE
4	JOB No. 606 ROUTE 6 & TWO BRIDGES RD. CALDWELL TWP.
5	JOB No. 2307 ROUTE 23 & BRADFORD AVE. CEDAR GROVE
6	JOB No. 511 ROUTE 5N & 6 DENVILLE
7	JOB No. 619 ROUTE 6 & 32 PARSIPPANY
8	JOB No. 1006 ROUTE 10 & LITTLETON RD. MORRIS PLAINS
9	JOB No. 1009 ROUTE 10 & LIVINGSTON AVE. LIVINGSTON
10	JOB No. 2407 ROUTE 24 & SUMMIT AVE. SUMMIT
11	JOB No. 2401 ROUTE 24 & MILLBURN AVE. MILLBURN

"F" FLASHER SIGNAL

No. 2
NORTHERN RUN
TRAFFIC SIGNAL LOCATIONS

ELECTRICAL DIVISION
TRAFFIC SIGNAL BUREAU
N.J. STATE HIGHWAY DEPT.

1	JOB No. 120 ROUTE 1 & PALISADE AVE. ENGLEWOOD CLIFFS
2	JOB No. 5105 ROUTE S1 & EDGEWATER AVE RIDGEFIELD
3	JOB No. 687 ROUTE 6 & LIBERTY ST. LITTLE FERRY
4	JOB No. 304 ROUTE 3 & PATERSON PLANK RD. SECAUCUS (PLAZA)
5	JOB No. 309 ROUTE 3 & COUNTY RD. SECAUCUS
6	JOB No. 308 ROUTE 3 & PATERSON PLANK RD. EAST END SECAUCUS
7	JOB No. 311 ROUTE 3 & LINCOLN TUNNEL APPROACH NORTH BERGEN
8	JOB No. 108 ROUTE 1 & PATERSON RD. JERSEY CITY
9	JOB No. 198 ROUTE 1 & COUNTY RD. JERSEY CITY
10	JOB No. 197 ROUTE 1 & MANHATTAN RD. JERSEY CITY
11	JOB No. 110 ROUTE 1 & DUNCAN AVE. JERSEY CITY
12	JOB No. 7502 ROUTE 25 & FEDERAL SHIP BLDG. KEARNY
13 *	JOB No. 322 ROUTE 3 & ROOSEVELT BLVD SECAUCUS

* = ERECTED IN 1941

No. 3

METROPOLITAN RUN
TRAFFIC SIGNAL LOCATIONS

ELECTRICAL DIVISION
TRAFFIC SIGNAL BUREAU
N.J. STATE HIGHWAY DEPT.

F1	JOB No. 2555 ROUTE 25 – SOUTH ST. RAMP NEWARK
2	JOB No. 2571 ROUTE 25 & MYRTLE AVE ELIZABETH
3	JOB No. 2564 ROUTE 25 & BACHELLOR AVE LINDEN
4	JOB No. 2565 ROUTE 25 & PARK AVE LINDEN
5	JOB No. 2566 ROUTE 25 & TUXEDO PLACE LINDEN
6	JOB No. 2568 ROUTE 25 & CLINTON ST. LINDEN
7	JOB No. 2569 ROUTE 25 & WOOD AVE. LINDEN
8	JOB No. 2511 ROUTE 25 & STILES ST LINDEN
9	JOB No. 2575 ROUTE 25 & HAMPTON ST. LINDEN
10	JOB No. 2527 ROUTE 25 & GRAND ST. RAHWAY
11	JOB No. 2528 ROUTE 25 & MILTON AVE RAHWAY
12	JOB No. 2541 ROUTE 25 & LAWRENCE AVE RAHWAY
13	JOB No. 2513 ROUTE 25 & AVENEL AVE AVENEL
F14	JOB No. 2525 ROUTE 25 & 4 WOODBRIDGE CLOVER LEAF 4 FLASHERS

15 *	JOB No. 2703 ROUTE 27 & INMAN AVE. RAHWAY
16 *	JOB No. 2704 ROUTE 27 & W. SCOTT AVE. RAHWAY
17 *	JOB No. 2705 ROUTE 27 & W. MILTON AVE RAHWAY

"F" FLASHER SIGNALS

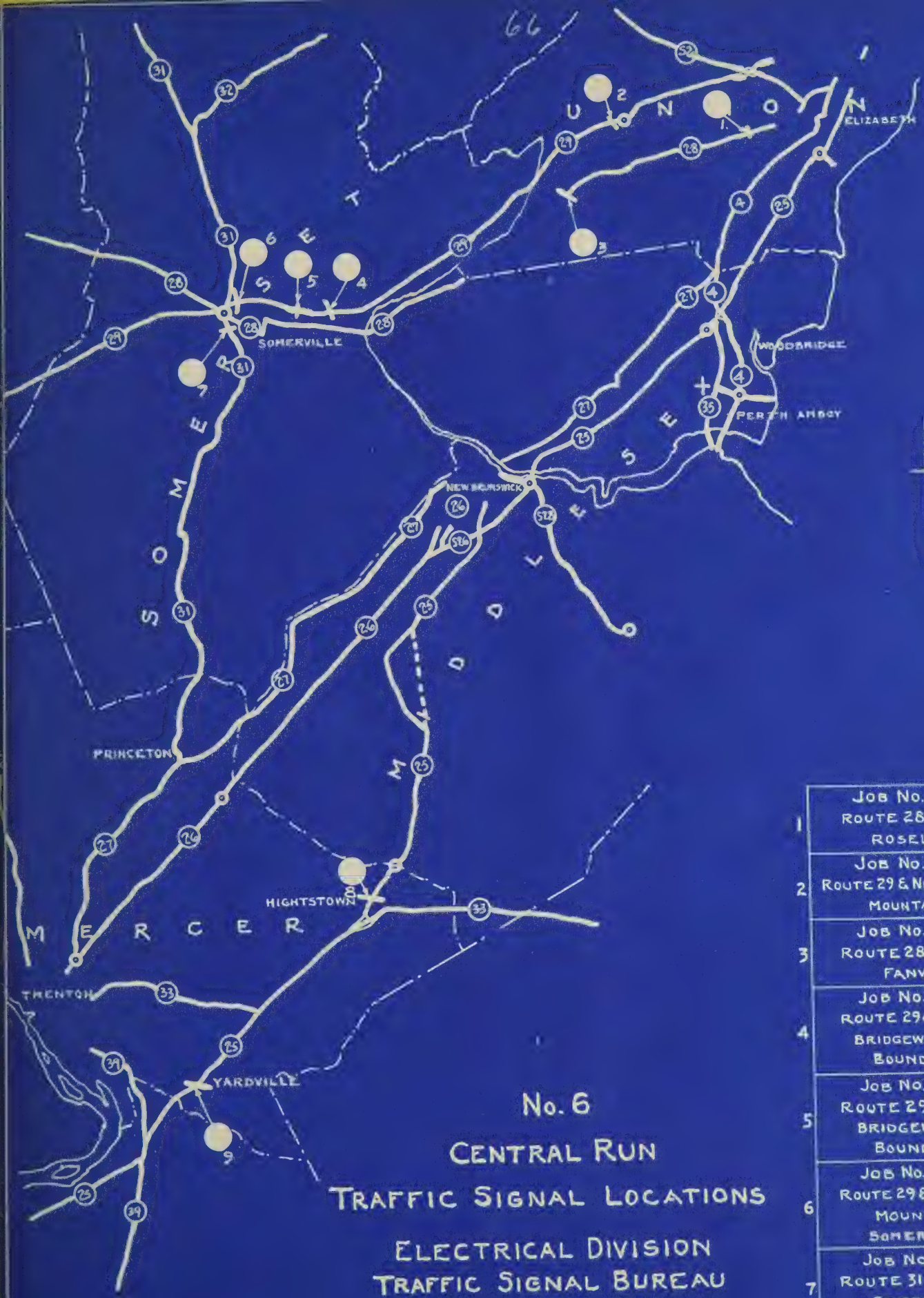
* - ERECTED IN 1941

No. 4

ROUTE 25 RUN
TRAFFIC SIGNAL LOCATIONS

ELECTRICAL DIVISION
TRAFFIC SIGNAL BUREAU
N.J. STATE HIGHWAY DEPT


WARREN
MORRIS
HUNTERDON
MERCER
HACKETTSTOWN
BUTTZVILLE
PHILLIPSBURG
CLINTON
FLEMINGTON
PENNINGTON
TRENTON
F10
F11
NORTHWESTERN
RUN No.5
1 JOB No.603 ROUTE 6 & 30 BUTTZVILLE
2 JOB No. 2802 ROUTE 28 LEIGH ST CLINTON
3 JOB No. 3009 ROUTE 28 & 30 CLINTON POINT
4 JOB No. 1201 ROUTE 12 & 30 FLEMINGTON
5 JOB No. 2608 ROUTE 26 SLACK AVE., SLACKWOOD
6 JOB No. 2702 ROUTE 27 HARNEYS CORNER, TRENTON
7 JOB No. 3014 ROUTE 30 OLDEN AVE., TRENTON
8 JOB No. 3005 ROUTE 30 PARKSIDE AVE, TRENTON
9 JOB No. 3013 ROUTE 30 PARKWAY, TRENTON
F10 JOB No. 2801 ROUTE 28 SHIRMERS CORNER, PHILLIPSBURG
F11 * JOB No. 3022 ROUTE 30 E. MAIN ST., FLEMINGTON
"F" FLASHER SIGNAL
* = ERECTED IN 1941
No. 5
NORTHWESTERN RUN
TRAFFIC SIGNAL LOCATIONS
ELECTRICAL DIVISION
TRAFFIC SIGNAL BUREAU
N.J. STATE HIGHWAY DEPARTMENT



1	JOB No. 2813 ROUTE 28 & LOCUST ST. ROSELLE PARK
2	JOB No. 2916 ROUTE 29 & NEW PROVIDENCE RD. MOUNTAINSIDE
3	JOB No. 2831 ROUTE 28 & TERRILL RD. FANWOOD
4	JOB No. 2935 ROUTE 29 & MOUNTAIN AVE. BRIDGEWATER TWP. BOUND BROOK
5	JOB No. 2934 ROUTE 29 & THOMPSON ST. BRIDGEWATER TWP. BOUND BROOK
6	JOB No. 3110 ROUTE 29 & OLD ROUTE 31 MOUNTAIN AVE. SOMERVILLE
7	JOB No. 3102 ROUTE 31 & SOMERSET ST. SOMERVILLE
8	JOB No. 2514 ROUTE 25 & STOCKTON ST. HIGHTSTOWN
9	JOB No. 2595 ROUTE 25 & ALLENTOWN RD. YARDVILLE

No. 6
CENTRAL RUN
TRAFFIC SIGNAL LOCATIONS

ELECTRICAL DIVISION
TRAFFIC SIGNAL BUREAU
N.J. STATE HIGHWAY DEPT.

1	JOB No. 3601 ROUTE 36 & PALMER AVE. KEANSBURG
2	JOB No. 3604 ROUTE 36 & BROAD ST. KEYPORT
3	JOB No. 3524 ROUTE 35 & BROADWAY KEYPORT
4	JOB No. 3405 ROUTE 34 & 4 MATAWAN
5	JOB No. 6602 ROUTE 4N & 35 EATONTOWN
6	JOB No. 3402 ROUTE 34 & MON. CO. 1 COLTS NECK
7	JOB No. 3307 ROUTE 33 & MAIN ST. FREEHOLD
8	JOB No. 3311 ROUTE 33 & 4 FREEHOLD
F9	JOB No. 3302 ROUTE 33 & JERSEYVILLE RD. HOWELL TWP.
10	JOB No. 3314 ROUTE 33 & 35 NEPTUNE
11	JOB No. 6601 ROUTE 4N & 33 NEPTUNE
F12	JOB No. 3526 ROUTE 35 & SEA GIRT AV. WALL TWP.
13	JOB No. 3517 ROUTE 35 & 4N BELMAR
F14	JOB No. 3516 ROUTE 35 & DEAL RD. OCEAN TWP.
F15	JOB No. 3407 ROUTE 34 & SCHOOL HOUSE RD. WALL TWP.
16	JOB No. 3507 ROUTE 35 & ALLAIRE RD. SPRING LAKE HGTS.
17	JOB No. 3548 ROUTE 35 & 4N SPRING LAKE
18	JOB No. 3702 ROUTE 37 & BRIDGE ST. BAY HEAD
19	JOB No. 496 ROUTE 4 & 37 TOMS RIVER
F20	JOB No. 6624 ROUTE 4N & 16TH AVE. BELMAR
F21	JOB No. 6604 ROUTE 528 & MILLTOWN RD. SOUTH RIVER

JOB No. 462 ROUTE 4 & S 40 MANAHAWKIN
JOB No. 3534 ROUTE 35 FORT MONMOUTH

No. 7

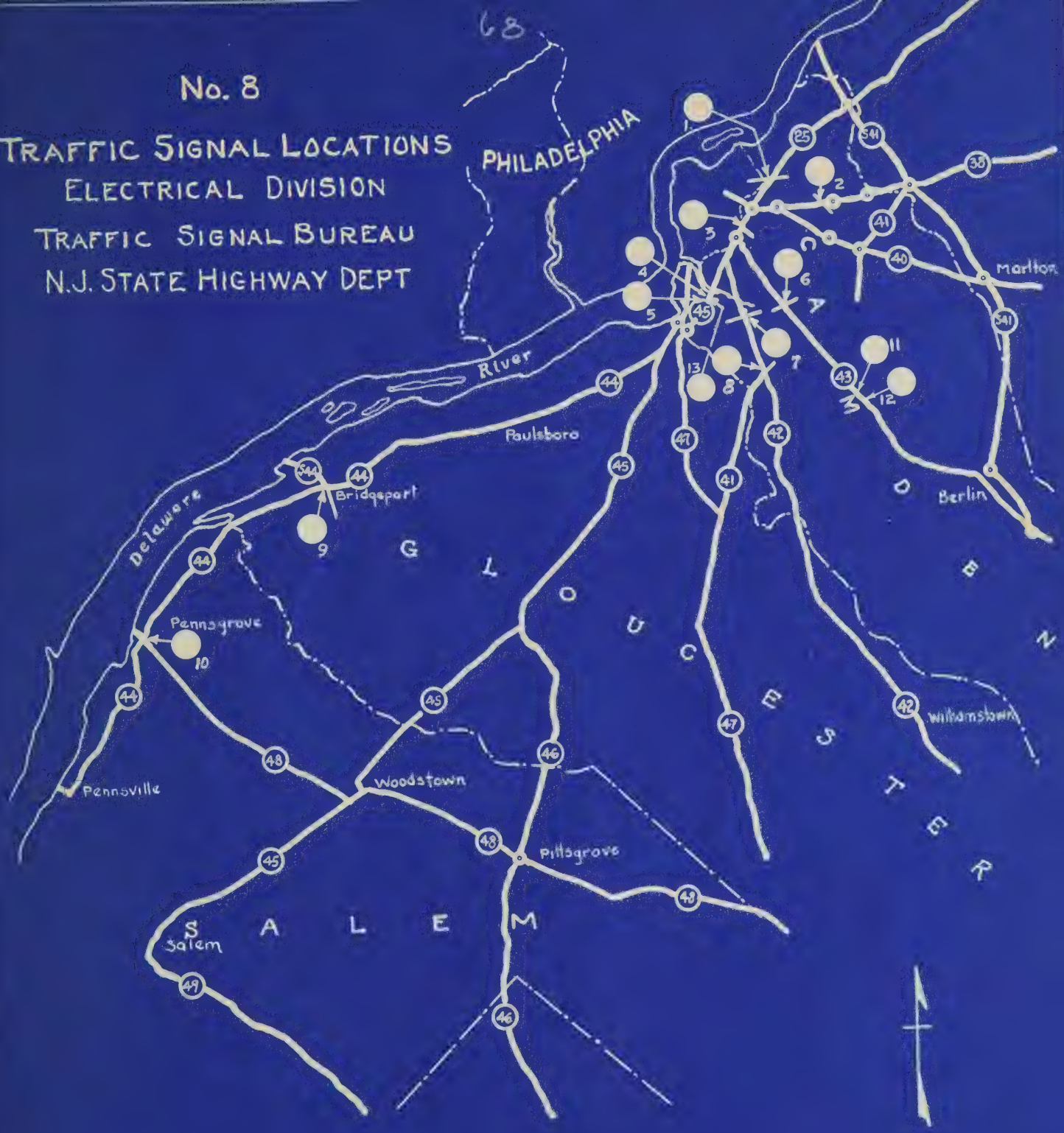
CENTRAL SHORE RUN TRAFFIC SIGNAL LOCATIONS

ELECTRICAL DIVISION
TRAFFIC SIGNAL BUREAU
N.J. STATE HIGHWAY DEPT.

68

No. 8

TRAFFIC SIGNAL LOCATIONS
ELECTRICAL DIVISION
TRAFFIC SIGNAL BUREAU
N.J. STATE HIGHWAY DEPT



1	JOB No. 7501 ROUTE 25 & FEDERAL ST. CAMDEN
2	JOB No. 3805 ROUTE 38 & CHAPEL AVE. DELAWARE TWP, MERCHANTVILLE
3	JOB No. 4509 ROUTE 45 & HADDON AVE COLLINGSWOOD
4	JOB No. 4510 ROUTE 45 & NICHOLSON RD. GLOUCESTER
5	JOB No. 4516 ROUTE 45 & HIGHLAND AVE. GLOUCESTER
6	JOB No. 4312 ROUTE 43 & KINGS HIGHWAY AUDUBON
7	JOB No. 4203 ROUTE 42 & BROWNING RD. BELLMAWR
8	JOB No. 4101 ROUTE 41 & 42 RUNNEMEDE
9	JOB No. 4451 ROUTE 44 & 544 BRIDGEPORT
10	JOB No. 4406 ROUTE 44 & 48 PENNS GROVE
11 *	JOB No. 4313 ROUTE 43 & WARWICK RD. MAGNOLIA
12 *	JOB No. 4314 ROUTE 43 & EVESHAM RD. MAGNOLIA
13 *	JOB No. 4515 ROUTE 45 & MARKET ST. GLOUCESTER

* [illegible] 1941


BURLINGTON
GLOUCESTER
Hammonton
F-2
Malaga
ATLANTIC
CUMBERLAND
Mays Landing
Absecon
Pleasantville
Atlantic City
Millville
Tuckahoe
Ocean City
CAPE MAY
Dennisville
Rio Grande
Cape May
SOUTH SHORE RUN No. 9
1 JOB No. 3912 ROUTES 39 & 43 HAMMONTON
F2 JOB No. 4805 RT. 48 & DELSEA DRIVE MALAGA "FLASHER"
3 JOB No. 4707 ROUTE 47 & 48 MALAGA
4 JOB No. 454 ROUTE 4 & 43 ABSECON
5 JOB No. 455 ROUTE 4 & 48 PLEASANTVILLE
6 JOB No. 4803 ROUTE 48 & 50 MAYS LANDING
7 JOB No. 4804 ROUTE 48 & 50 MAYS LANDING
8 JOB No. 437 RT. 47 & N. WILDROAD RD. BURLEIGH
9 JOB No. 400 RT. 4 & 549 RIO GRANDE
"F" FLASHER SIGNAL
No. 9.
SOUTH SHORE RUN
TRAFFIC SIGNAL LOCATION
ELECTRICAL DIVISION
TRAFFIC SIGNAL BUREAU
N.J. STATE HIGHWAY DEPT.

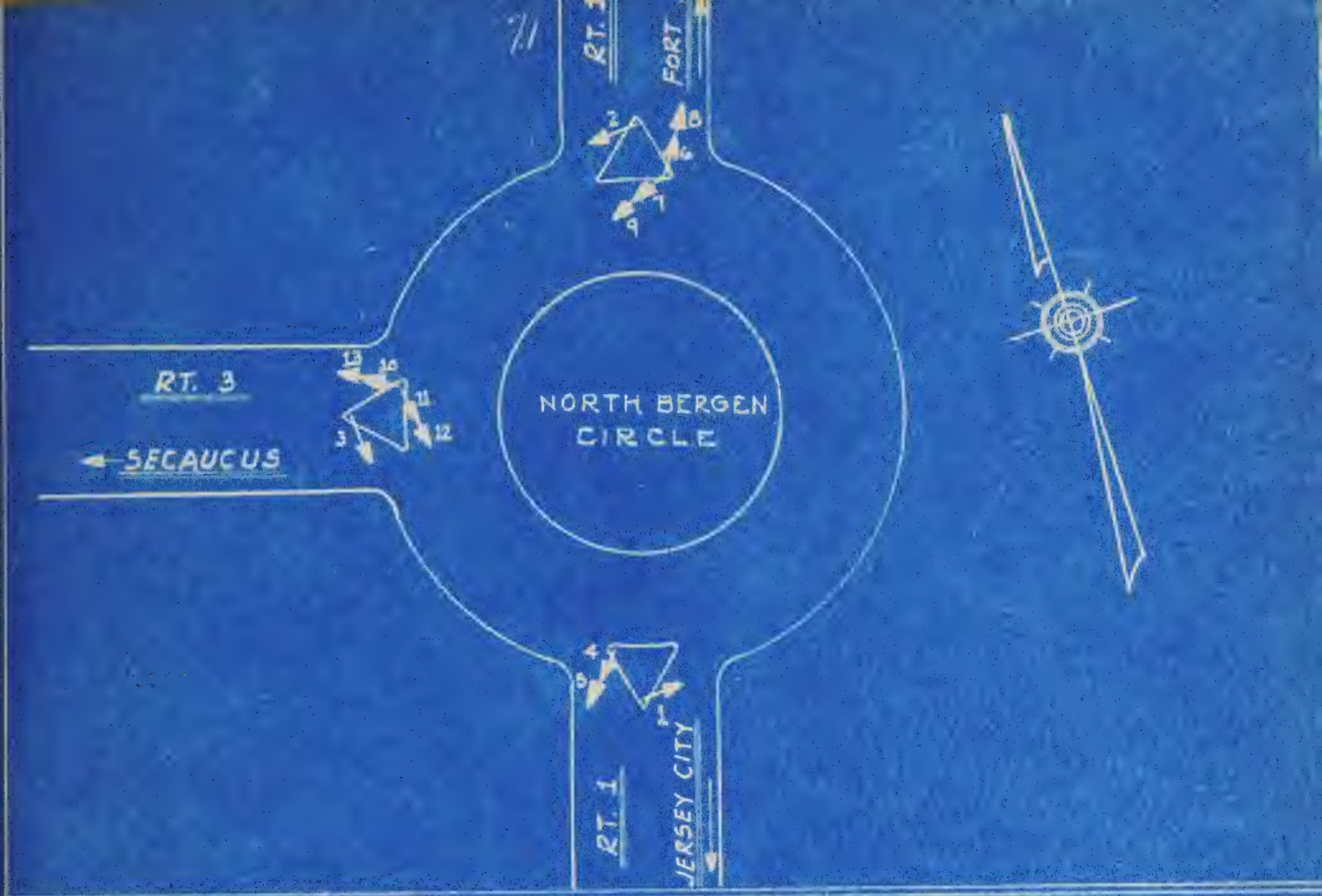
No.	
KEEP TO RIGHT ONE WAY TRAFFIC 2X4' 1-2-3	
RIDGEFIELD PARK 1 1'X4' 4	
HACKENSACK 4 1X4 5	
6 RH 7 LH	ENGLEWOOD 5 G. WASHINGTON BR. 3 YONKERS FERRY 11 NYACK-BEAR MT. 2'6"X4' 6-7
8 RH 9 LH	JERSEY CITY 7 NEW YORK TUNNELS NEWARK 12 BAYONNE 13 2'-6"X4' 8-9
10 RH	RIDGEFIELD PARK 1 HACKENSACK 4 PATERSON 10 2'X4' 10

SIGNS IN SERVICE 5-13-41

ROUTE 1

BROAD AVE CIRCLE-RIDGEFIELD

JOB No. 107



	No.	
EEP TO RIGHT NE WAY TRAFFIC 2' x 4' 1-2-3	8RH	ENGLEWOOD 9 NYACK 26 BEAR MOUNTAIN 41 2' x 4' 8
ERSEY CITY 3 OLLAND TUNNEL 5 EW YORK 6 2' x 4' 4-11	9LH 13RH	LINCOLN TUNNEL 2' x 4' 9-13
EWARK 8 AYONNE 9 HORE POINTS 2' x 4' 5-12		
IDGEFIELD 4 WASHINGTON BR. 7 YONKERS FERRY 15 2' x 4' 6		
SECAUCUS 1 PASSAIC 8 ACKENSACK 9 PATERSON 13 30" x 4' 7-10		

ROUTES 1 & 3
NORTH BERGEN
JOB NO. 112

72

	No.	
KEEP TO RIGHT → ONE WAY TRAFFIC 2' x 4' 1-2-3-4	7 L.H. 10 R.H. 12 L.H. 13 R.H.	ELIZABETH 11 SEASHORE RESORTS TRENTON 54 PHILADELPHIA 87 ← 2'-6" x 4' 7-10-12-13
NEW YORK — VIA HOLLAND TUNNEL LINCOLN TUNNEL G. WASHINGTON BR. → 2'-6" x 4' 5-15-17	8 L.H. 14 L.H. 16 R.H.	HUDSON BLVD. JERSEY CITY NEW YORK FERRIES ← 2' x 4' 8-14-16
HARRISON 4 NEWARK 5 KEARNY 5 MONTCLAIR 9 ← 2'-6" x 4' 6-9-11-18		

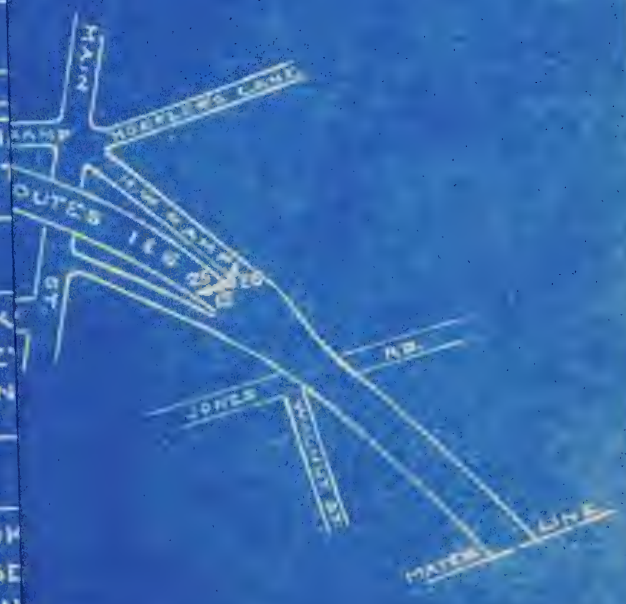
ROUTES 1 & 10
WALLIS AVE. CIRCLE

JOB No. 117

No.	
1 LH	ENGLEWOOD TEANECK SUFFERN 2'X4' 1
2 LH	HACKENSACK PATERSON PASSAIC 2'X4' 2
3 LH	JERSEY CITY NEWARK BAYONNE 2'X4' 3
5 RH 6 LH 7 RH 8 LH 27 RH	INTERSTATE PARK ALPINE 7 YONKERS FERRY 8 NYACK-BEAR MT. 2'-6"X4' 5-6-7-8-27
9 LH 10 RH 11 LH	HACKENSACK 6 PASSAIC 10 DOVER 25 2'X4' 9-10-12
12 LH 13 RH 14 LH	HOBOKEN 9 JERSEY CITY 10 NEWARK 15 BAYONNE 16 2'X4' 12-13-14
16 RH	ENGLEWOOD 3 TEANECK 4 PATERSON 13 SUFFERN 21 2'X4' 16

No.	
17 LH 18 RH 19 RH 20 RH 21 RH	WA NEW
22 RH 23 RH	ENGLI TEANE PATER SUFFE
24 RH	KE ONE
25 LH	HACKE PATE DOVER DEL.W
26	LEONI BOGOT
4 LH	HOBOK JERSE BAYON
15 LH	HOBOK JERSE BAYON

NOTE: No. 13 NEW 13 PLACE



ROUTES 1-4 & 6

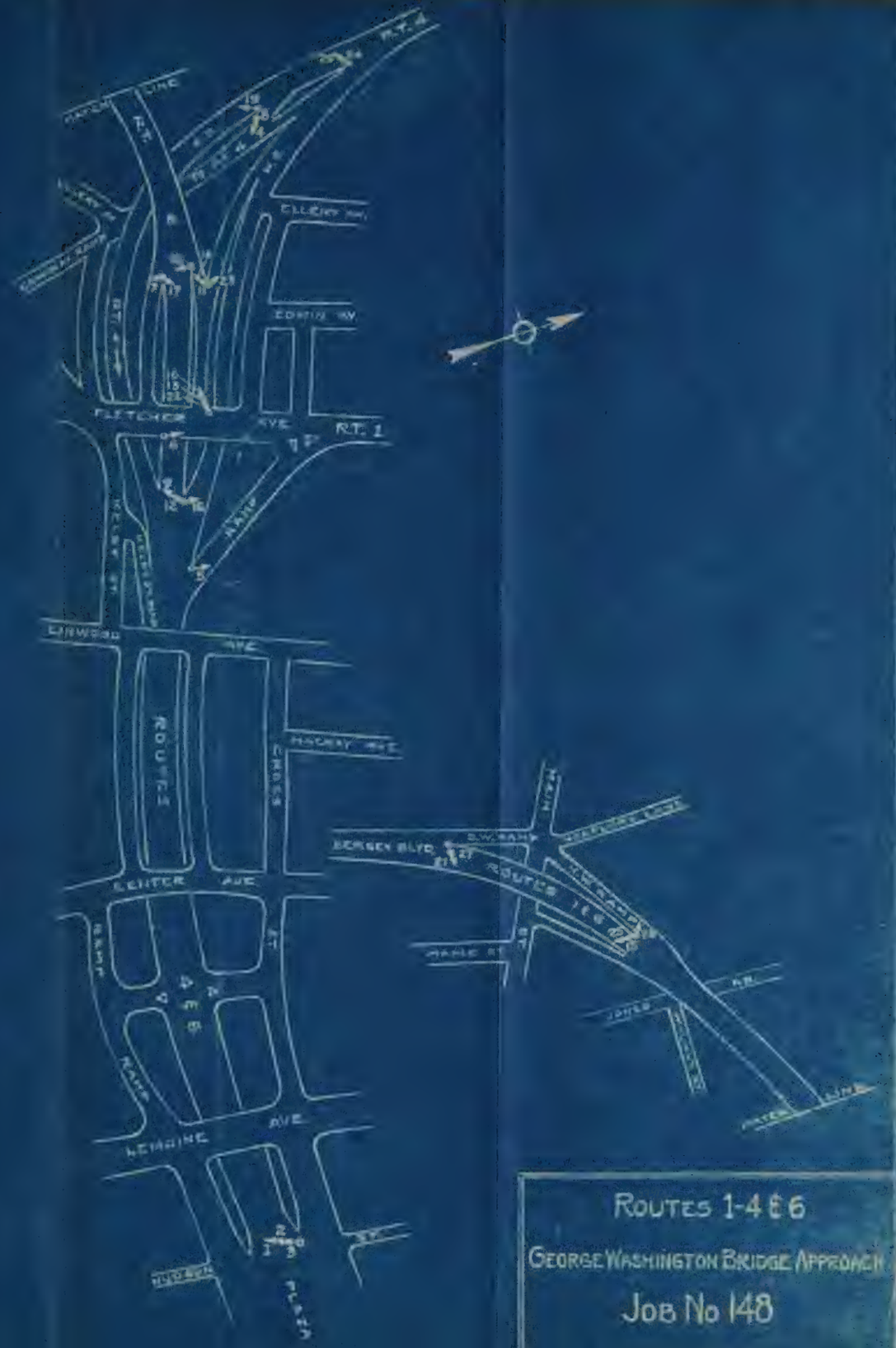
GEORGE WASHINGTON BRIDGE APPROACH

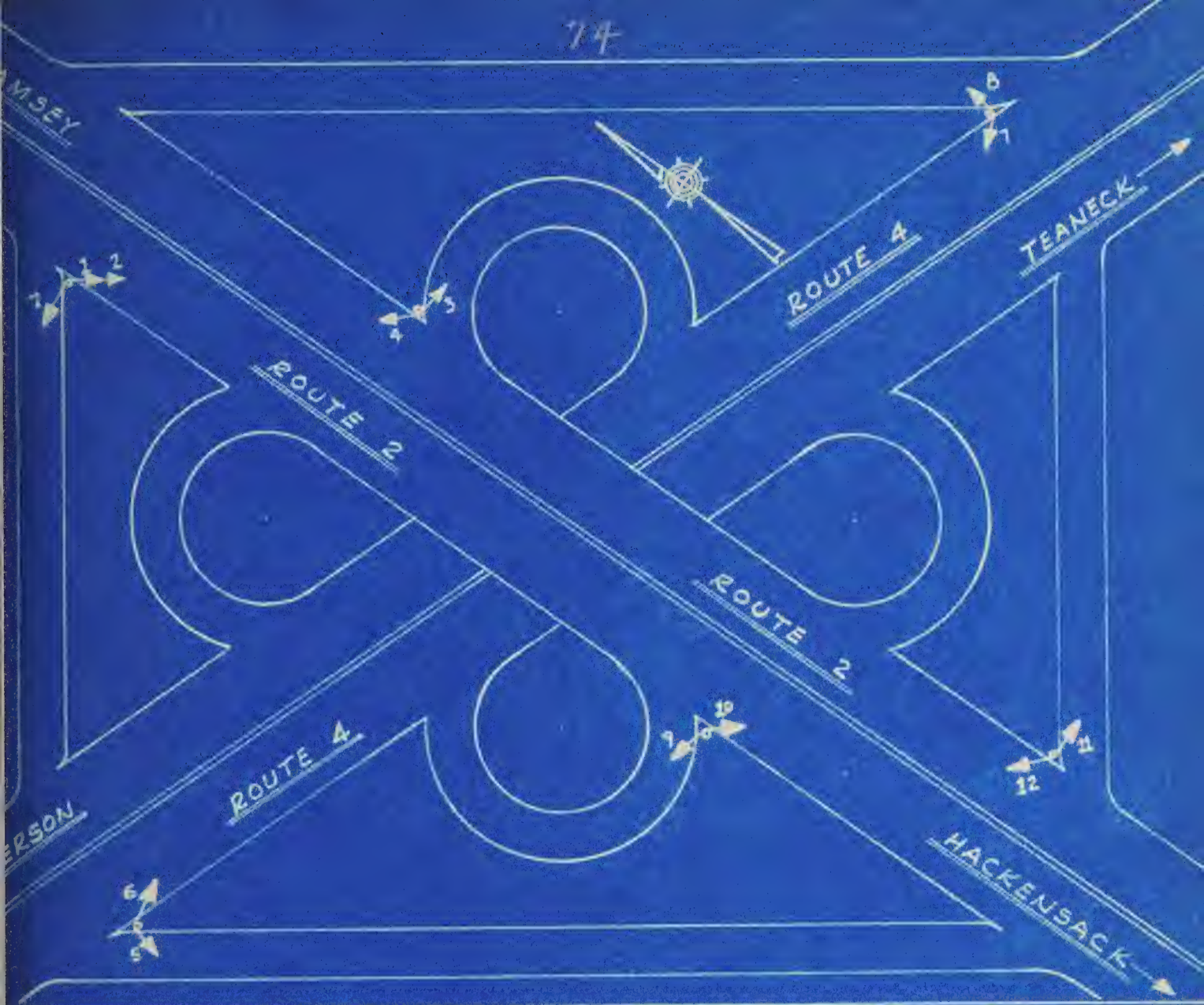
JOB No 148

No.		
1 LH	ENGLEWOOD TEANECK SUFFERN ←	2'x4' 1
2 LH	HACKENSACK PATERSON PASSAIC ←	2'x4' 2
3 LH	JERSEY CITY NEWARK BAYONNE ←	2'x4' 3
5 RH 6 LH 7 RH 8 LH 27 RH	INTERSTATE PARK ALPINE 7 YONKERS FERRY 8 NYACK-BEAR MT. →	2'-6"x4' 5-6-7-8-27
9 LH 10 RH 11 LH	HACKENSACK 6 PASSAIC 10 DOVER 25 ←	2'x4' 9-10-12
12 LH 13 RH 14 LH	HOBOKEN 9 JERSEY CITY 10 NEWARK 15 BAYONNE 16 ←	2'x4' 12-13-14
16 RH	ENGLEWOOD 3 TEANECK 4 PATERSON 13 SUFFERN 21 →	2'x4' 16

No.		
17 LH 18 RH 19 RH 20 RH 21 RH	GEORGE WASHINGTON BRIDGE NEW YORK ←	2'x4' 17-18-19-20-21
22 RH 23 RH	ENGLEWOOD TEANECK PATERSON SUFFERN →	22-23
24 RH	KEEP to RIGHT → ONE WAY TRAFFIC ←	2'x4' 24
25 LH	HACKENSACK PATERSON DOVER DEL. WATER GAP ←	2'x4' 25
26	← PASSAIC LEONIA → BOGOTA →	2'x4' 26
4 LH	HOBOKEN 9 JERSEY CITY 10 BAYONNE 16 ←	2'x4' 4
15 LH	HOBOKEN 9 JERSEY CITY 10 BAYONNE 16 ← 15	2'x4'

NOTE: No. 15 NEWARK IS OUT. IF NEW BOX IS PLACED ADD NEWARK



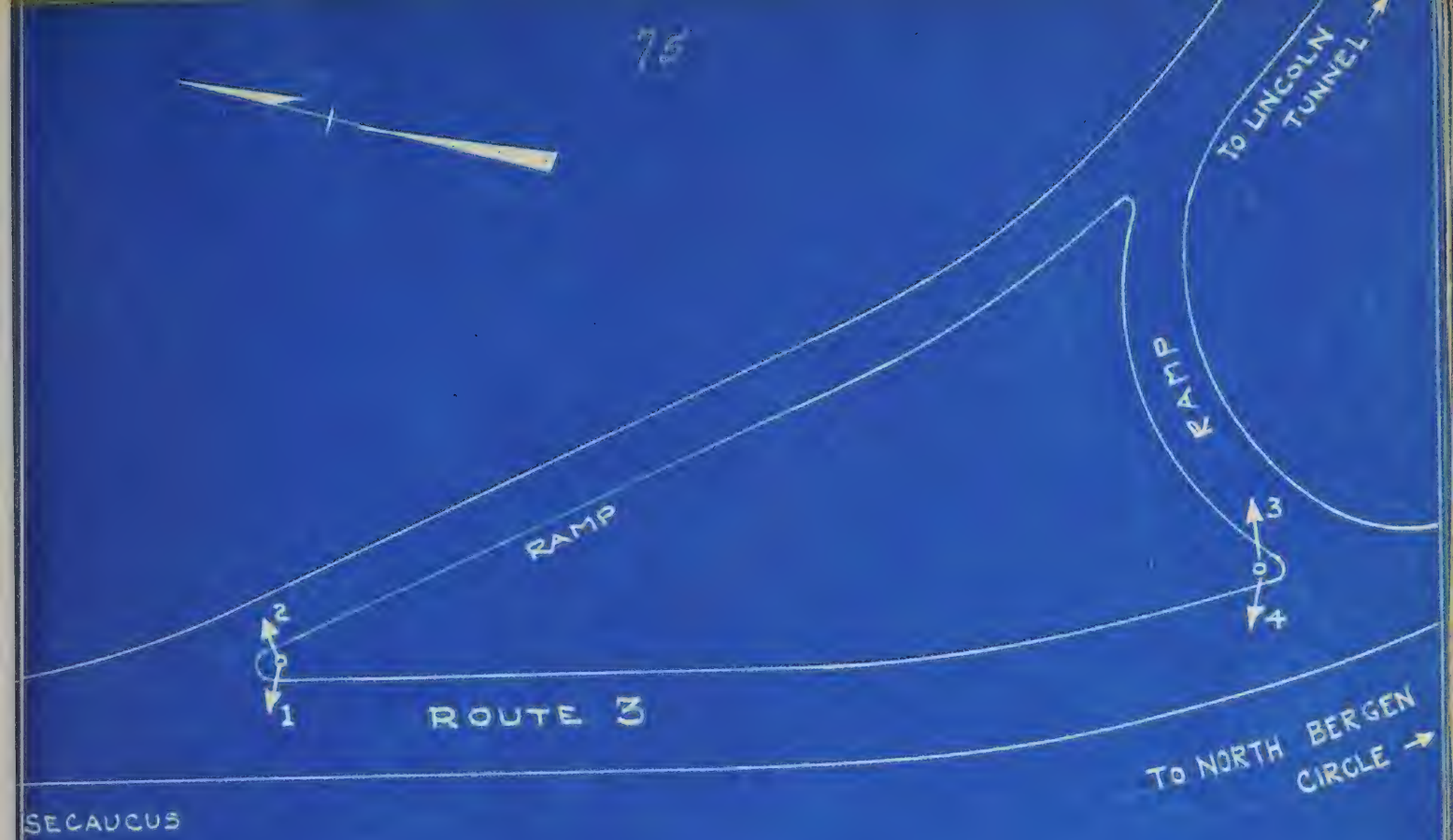


PATERSON	5	No.			No.		
G. WASHINGTON BR.	8	4 LH	RIDGEWOOD	5		TEANECK	4
2' x 4' 1			RAMSEY	10		ENGLEWOOD	6
HACKENSACK	3		SUFFERN	13	11 RH	FORT LEE	8
RUTHERFORD	8	8 RH	2' x 4' 4-8			G. WASHINGTON BR.	8
NEWARK	15		ROCHELLE PARK	1		30" x 4' 11	
HOLLAND TUNNEL	16	5 RH	RUTHERFORD	8		PATERSON	5
30" x 4' 2			NEWARK	15	12 LH	RIDGEWOOD	5
PATERSON	5	10 LH	HOLLAND TUNNEL	16		RAMSEY	10
POMPTON LAKES	14		30" x 4' 5-10			SUFFERN	13
GREENWOOD LAKE	28		HACKENSACK	3		30" x 4' 12	
2' x 4' 3-7		6 LH	TEANECK	4			
			ENGLEWOOD	6			
		9 RH	G. WASHINGTON BR.	8			
			30" x 4' 6-9				

ROUTES 2 & 4

BORO OF PARAMUS

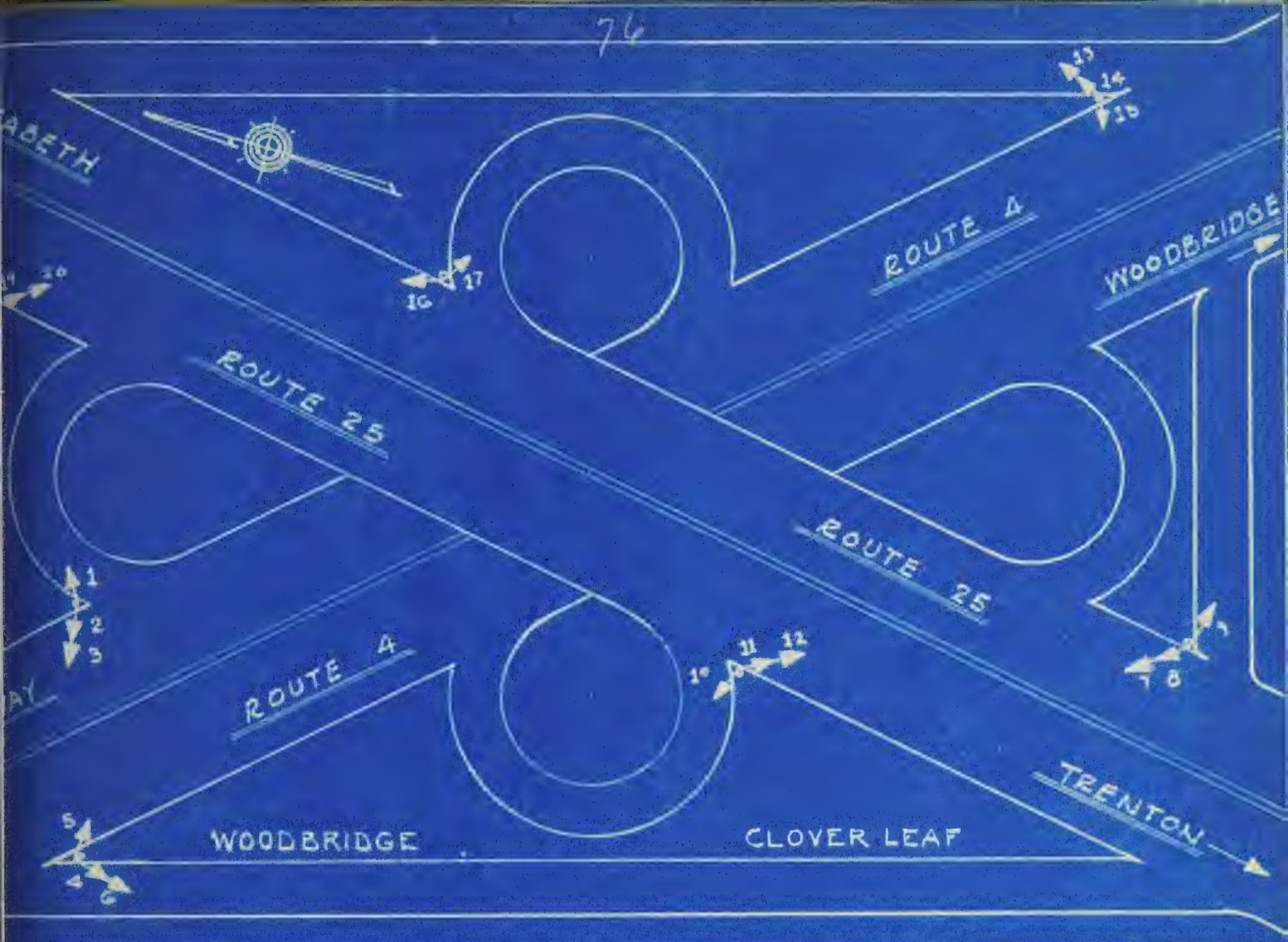
JOB No. 204



	No.	
JERSEY CITY HOLLAND TUNNEL BAYONNE → 2' x 4' 1	4 L.H	SECAUCUS PASSAIC HACKENSACK PATERSON ← 2'-6" x 4' 4
HUDSON CO. BLVD. UNION CITY LINCOLN TUNNEL NEW YORK ← 2'-6" x 4' 2		
LINCOLN TUNNEL NEW YORK → 2' x 4' 3		

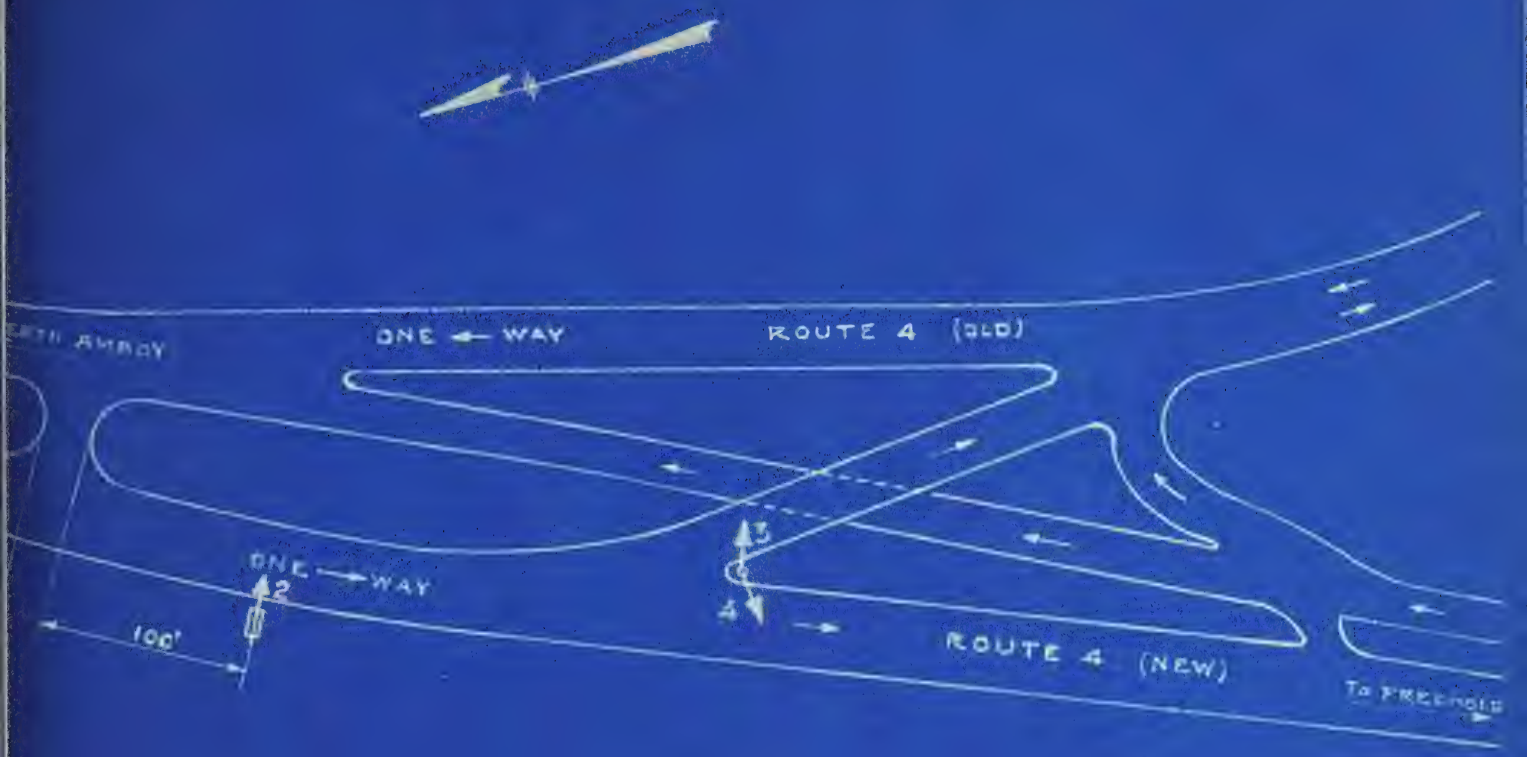
ROUTE 3
LINCOLN TUNNEL APPROACH
NORTH BERGEN

JOB No. 312



	No.		No.	
NEW BRUNSWICK 10 TRENTON 36 PHILADELPHIA 69 2'x4' 1-4-20	6RH	SOUTH AMBOY 7 SEASHORE RESORTS LAKEWOOD 38 ATLANTIC CITY 103 30"x4' 6-11	14RH	ELIZABETH 7 NEWARK 13 JERSEY CITY 19 2'x4' 14
RAHWAY 3 ROSELLE 7 IRVINGTON 13 2'x4' 2-7-15-17 18	11LH		19LH	WOODBRIDGE 1 PERTH AMBOY 4 SEASHORE RESORTS 2'x4' 19
ELIZABETH 7 NEWARK 13 NEW YORK 22 2'x4' 3-8-16	9RH	WOODBRIDGE 1 PERTH AMBOY 4 SHORE RESORTS 2'x4' 9		
WOODBRIDGE 1 PERTH AMBOY 4 2'x4' 5-10	12LH	NEW BRUNSWICK 10 TRENTON 36 CAMDEN 68 PHILADELPHIA 69 30"x4' 12		
	13RH	HOLLAND TUNNEL 21 NEW YORK 22 18"x4' 13		

ROUTES 4 & 25
BORO OF WOODBRIDGE
JOB No. 403



No.		
4RH	LEFT FOR MATAWAN 5 ASBURY PARK 25 POINT PLEASANT 30 ← 2'-6"x4' 2	FREEHOLD 13 LAKEWOOD 25 TOMS RIVER 35 ATLANTIC CITY 90 → 2'-6"x4' 4
	RIGHT FOR FREEHOLD 13 LAKEWOOD 25 ATLANTIC CITY 90 → 2'-6"x4' 1	
	MATAWAN 5 ASBURY PARK 25 POINT PLEASANT 30 SEASIDE HEIGHTS 41 ← 2'-6"x4' 3	

SIGNS IN SERVICE 12-30-41

ROUTE 4
OLD & NEW ROUTES 4
CHEESEQUAKE CONTROL

JOB No. 444

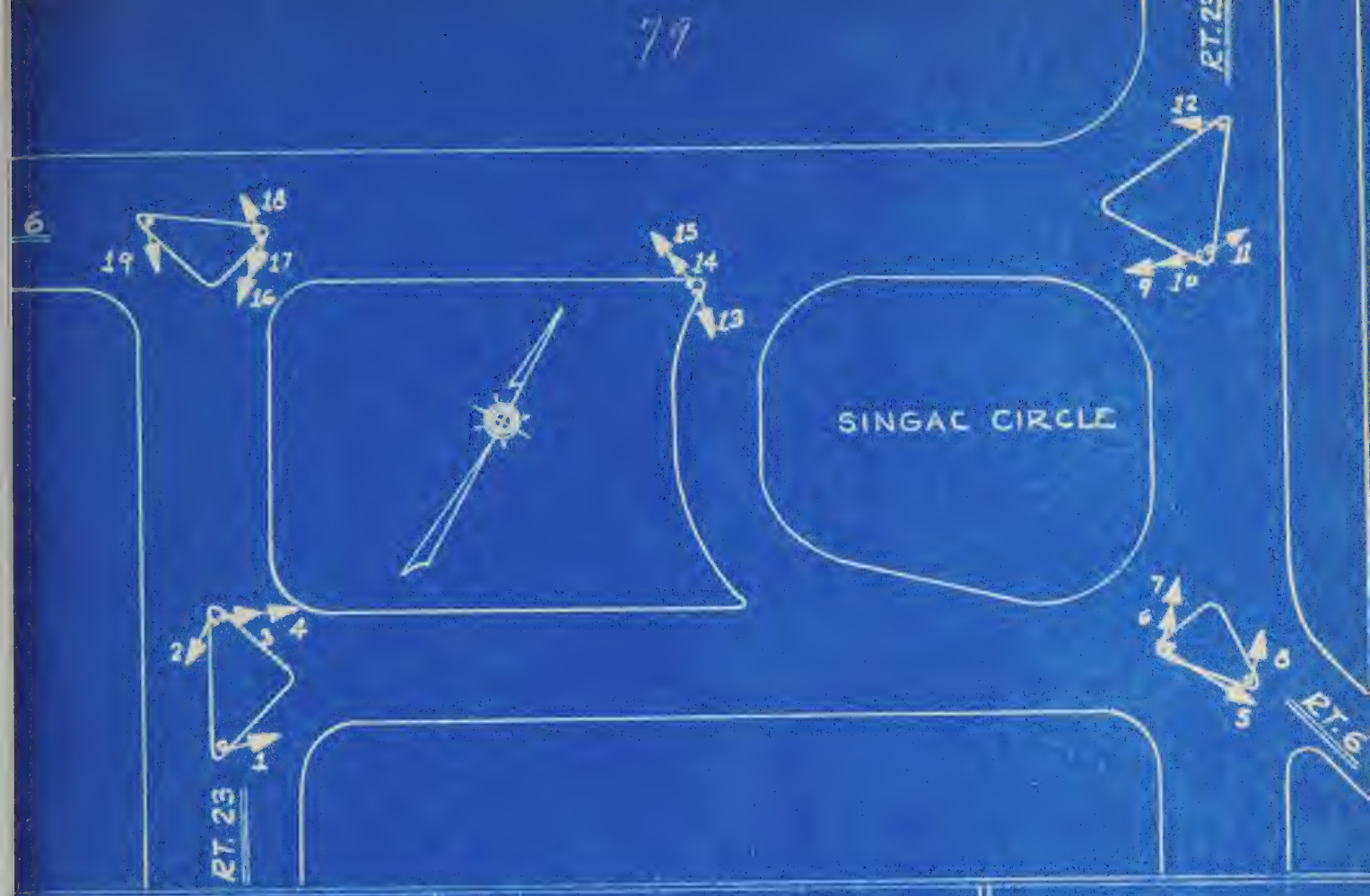
	No.		No.	
KEEP TO RIGHT ONE WAY TRAFFIC 2'x4' 1-2-3-4-5	12 LH 13 RH 14 LH	JERSEYVILLE 4 OCEAN GROVE 16 ASBURY PARK 16 2'x4' 12-13-14	19 RH 20 LH	EATONTOWN 13 RED BANK 15 LONG BRANCH 16 2'x4' 19-20
MANALAPAN 5 HIGHTSTOWN 12 TRENTON 27 2'x4' 6-7	15 LH 16 RH	ADELPHIA 4 LAKEWOOD 13 ATLANTIC CITY 78 2'x4' 15-16		
ENGLISHTOWN 4 OLD BRIDGE 12 NEW BRUNSWICK 20 2'x4' 8-9 2'6"x4'	17 RH 18 LH	FREEHOLD 0 MATAWAN 11 KEYPORT 13 2'x4' 17-18		
PERTH AMBOY 18 ELIZABETH 29 NEWARK 35 NEW YORK 44 10-11				

SIGNS IN SERVICE 10-15-41

ROUTES 4 & 33

FREEHOLD TRAFFIC CIRCLE

JOB No. 436



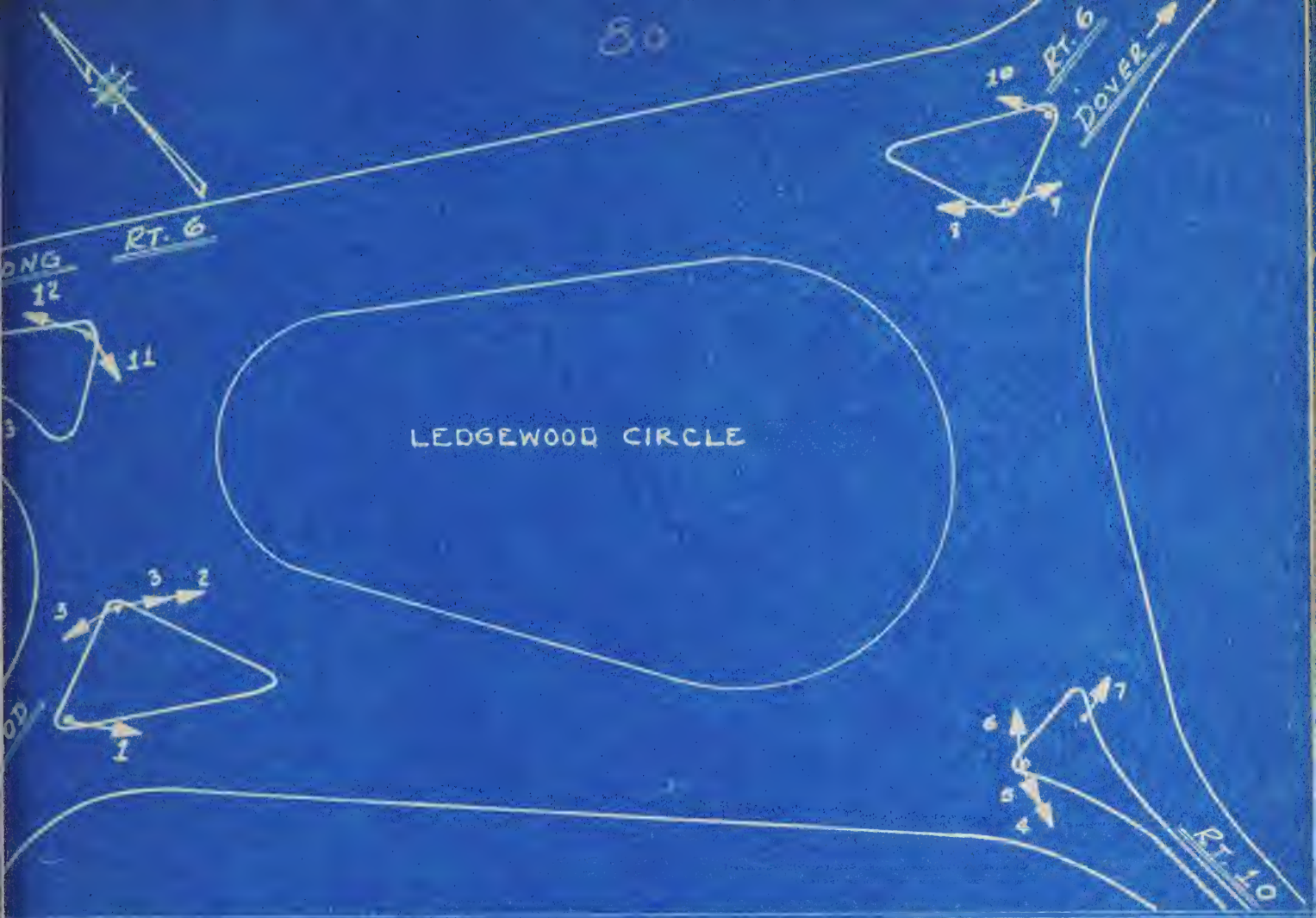
	No.		
KEEP TO RIGHT →	7 LH	PINE BROOK	5
ONE WAY TRAFFIC	9 LH	DOVER	16
2' x 4' 1-8-12-19	15 RH	NETCONG	26
	18 RH	←	
		2' x 4' 7-9-15-18	

MONTCLAIR	6
NEWARK	12
HOLLAND TUNNEL	20
→	
2' x 4' 2-10-14-16	

MOUNTAIN VIEW	2
BUTLER	10
SUSSEX	35
←	
2' x 4' 3-6-11	

PATERSON	5
HACKENSACK	12
G WASHINGTON BR.	16
←	
2' x 4' 4-5-13-17	

ROUTES 6 & 23
SINGAC
JOB No. 605



KEEP TO RIGHT
ONE WAY TRAFFIC
2'x 4' 1-7-10-13

DOVER	5
PATERSON	28
NEW YORK	40

2'x 4' 2

MORRISTOWN	11
NEWARK	29
LEDGEWOOD	0

30"x 4' 3

SUCCASUNNA	1
MT. FREEDOM	5
MORRISTOWN	11

2'x 4' 4

No.		
5RH	WHIPPANY	14
	THE ORANGES	
	NEWARK	29

2'x 4' 5

No.		
6LH	DOVER	5
	PATERSON	28
	NEWARK	31
9RH	NEW YORK	40

30"x 4' 6-9

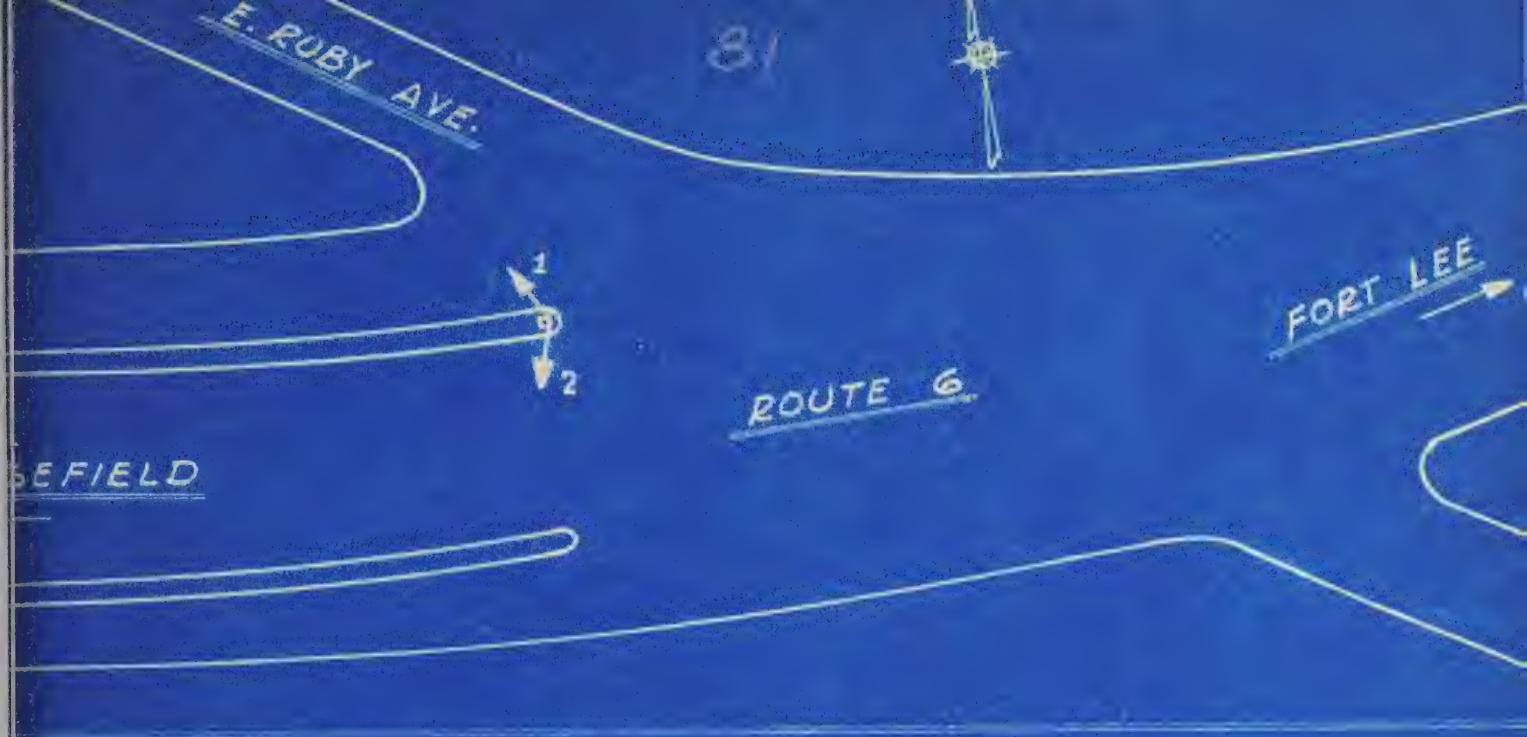
No.		
8LH	LK. HOPATCONG	2
	NETCONG	3
	HACKETTSTOWN	12
12RH	DEL. WATER GAP	37

30"x 4' 8-12

No.	
11LH	LEDGEWOOD 0

1'x 4' 11

ROUTES 6 & 10
LEDGEWOOD CIRCLE
JOB No. 609



ERSEY CITY	8
HOLLAND TUNNEL	10
EWARK	13
EW YORK	11

2' x 3'

1

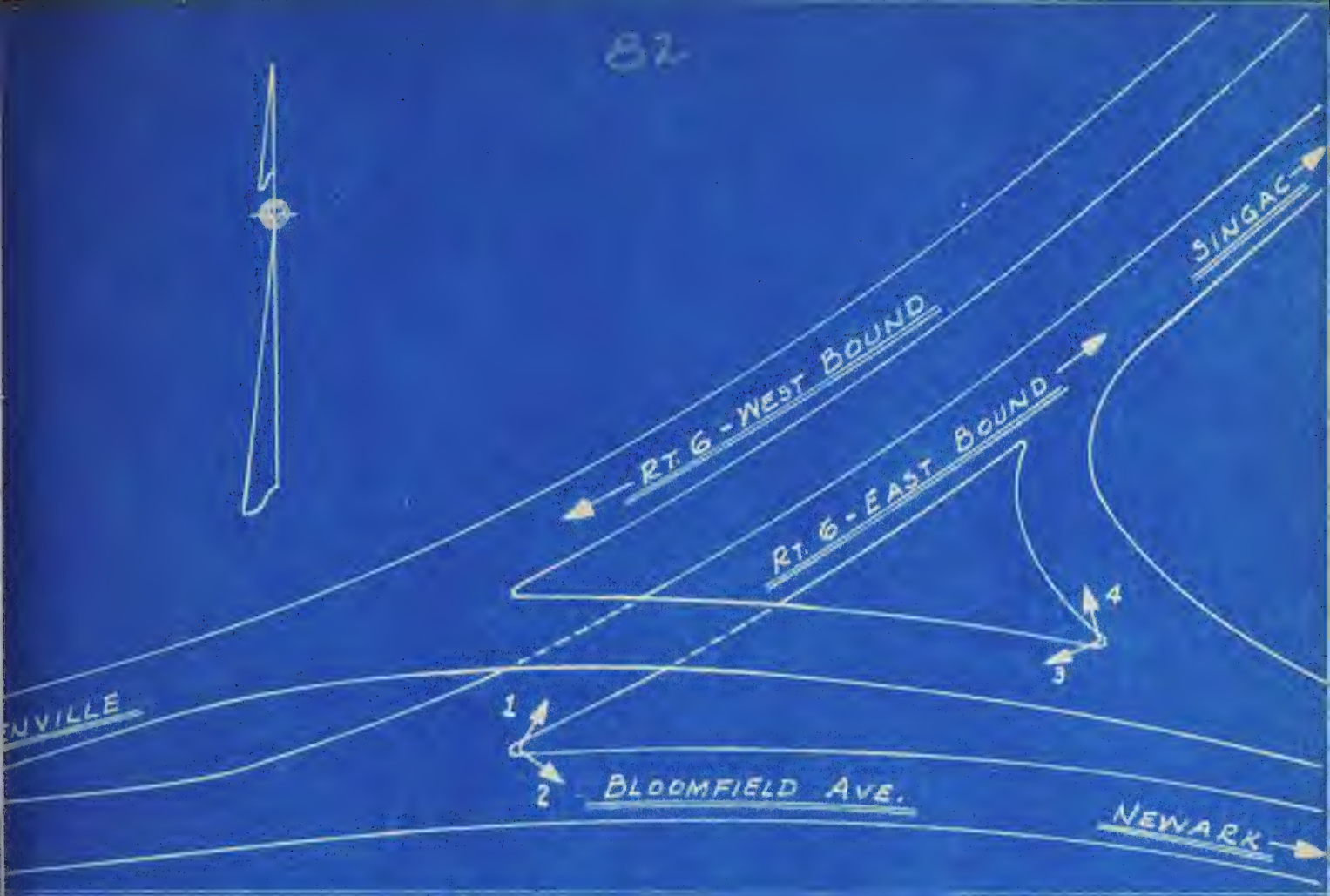
HACKENSACK	4
PASSAIC	8
PATERSON	10
DOVER	33
DEL. WATER GAP	75

3' x 3'

2

"B" POST WITH ANCHOR BOLTS

ROUTE 6
PALISADES PARK
JOB NO. 618



SINGAC	5
PATERSON	10
HACKENSACK	17
G. WASHINGTON BR.	21

30" x 48" 1-4

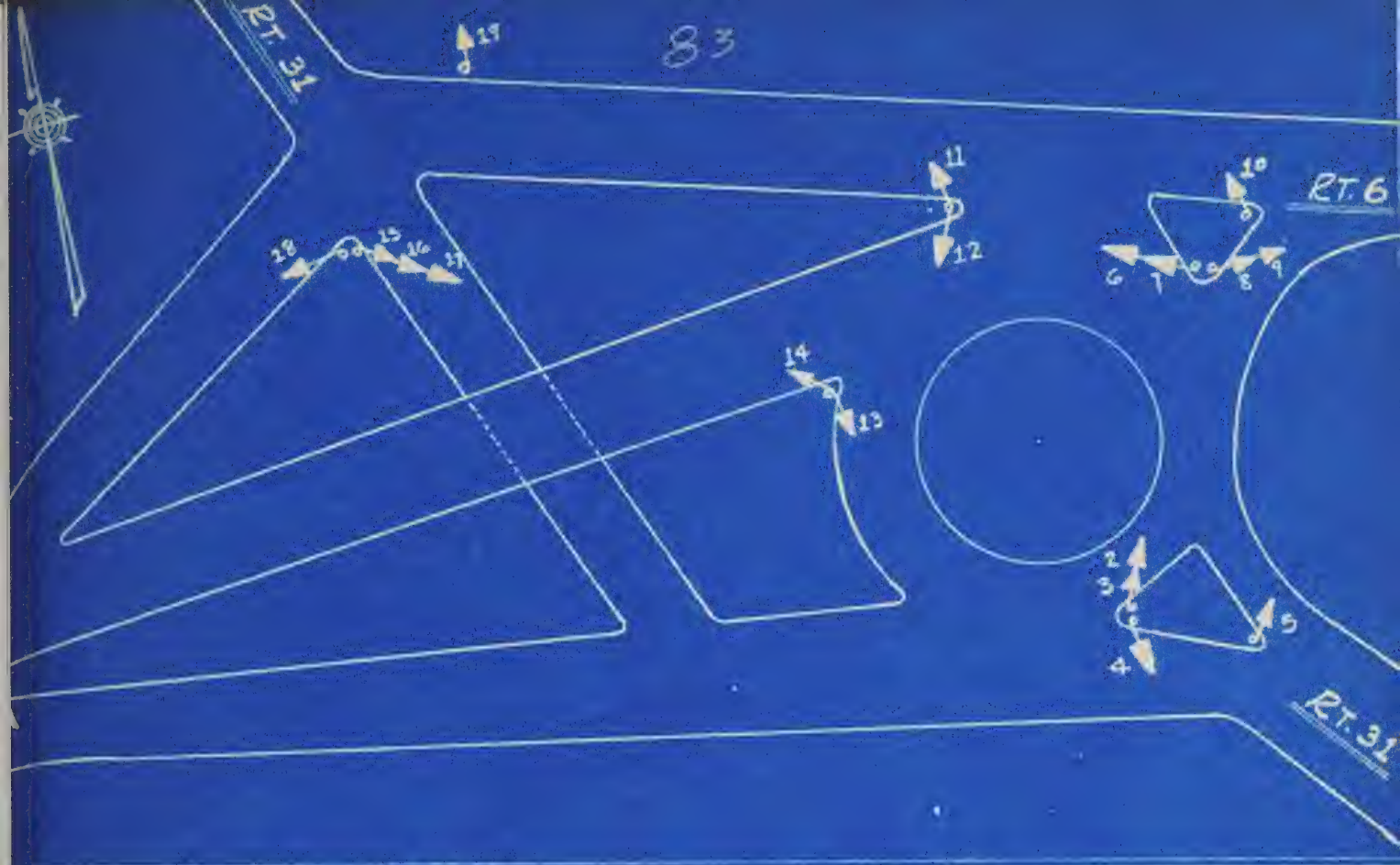
CALDWELL	2
MONTCLAIR	6
NEWARK	13
HOLLAND TUNNEL	21

30" x 48" 2

DENVILLE	9
DOVER	13
NETCONG	21
DEL WATER GAP	55

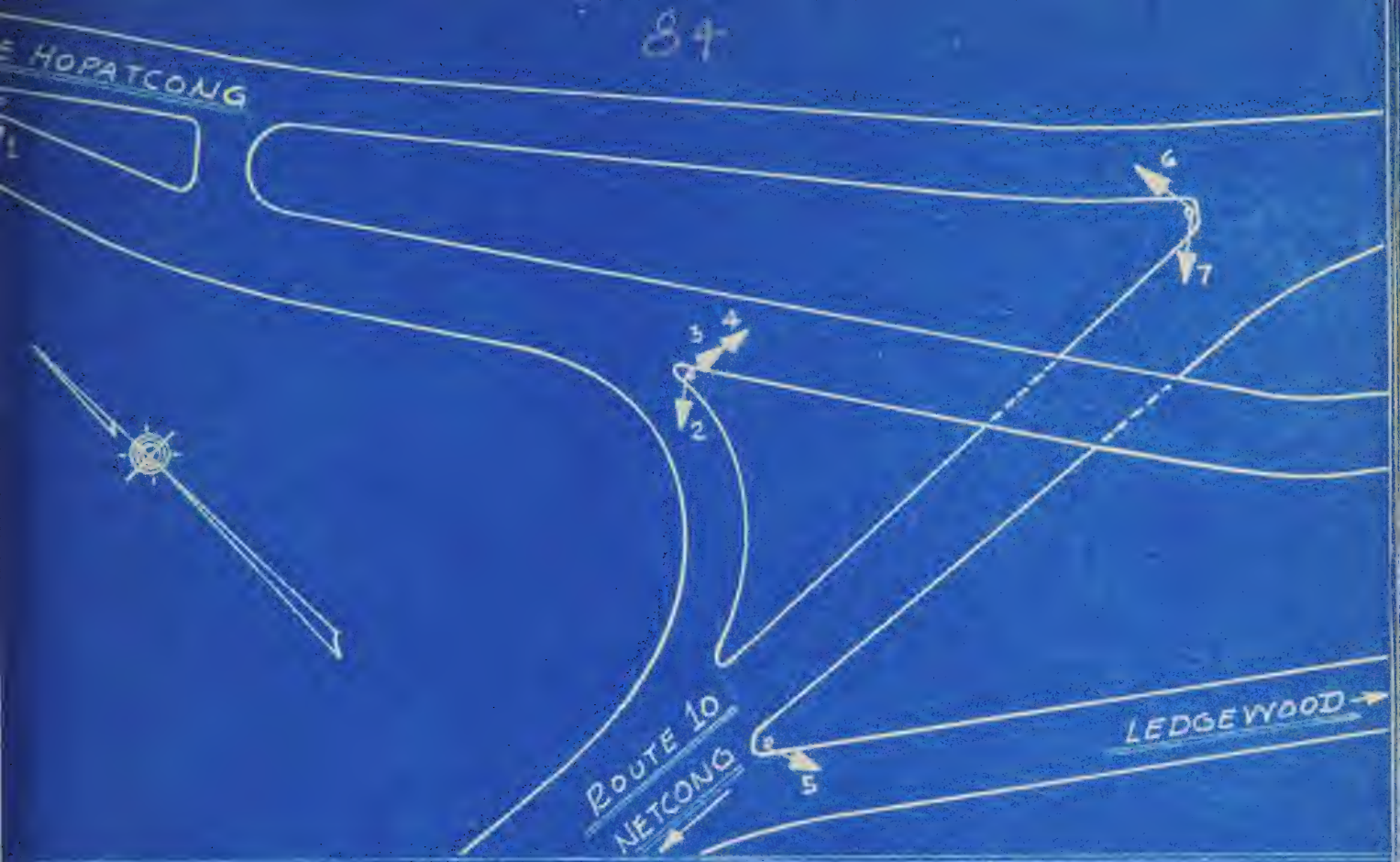
30" x 48" 3

ROUTE 6
BLOOMFIELD AVE.
JOB No. 629



	No.	
KEEP TO RIGHT → ONE WAY TRAFFIC 2' x 4' 1-5-10	6LH 11RH 19RH	LK. HOPATCONG 2 ANDOVER 7 NEWTON 13 MILFORD 35 ← 30" x 4' 6-11-19
DOVER 8 MORRISTOWN 14 PATERSON 31 ← 2' x 4' 2-8-16	7LH 12LH 14RH 18RH	BUDD LAKE 3 HACKETTSTOWN 9 PHILLIPSBURG 33 DEL. WATER GAP 34 ← 30" x 4' 7-12-14-18
NEWARK 34 NEW YORK 43 ← 3-9-17 2' x 4' (LARGE LETTERS)		
CHESTER 9 BEDMINSTER 17 SOMERVILLE 25 PRINCETON 42 → 30" x 4' 4-13-15		

ROUTES 6 & 31
NETCONG
JOB No. 685



KEEP TO RIGHT
ONE WAY TRAFFIC
2' x 4'
1-5

NETCONG	2
HACKETTSTOWN	11
PHILLIPSBURG	35
DEL. WATER GAP	36

30" x 4'
2-7

DOVER	6
PATERSON	29
NEWARK	32
NEW YORK	41

30" x 4'
3

MORRISTOWN	12

1' x 4'
4

No.

6RH

LANDING	0
LK. HOPATCONG	1
BERTRAND ISLAND	3
MT. ARLINGTON	3

30" x 4'
6

ROUTE 10
LK. HOPATCONG ROAD
JOB No. 1007

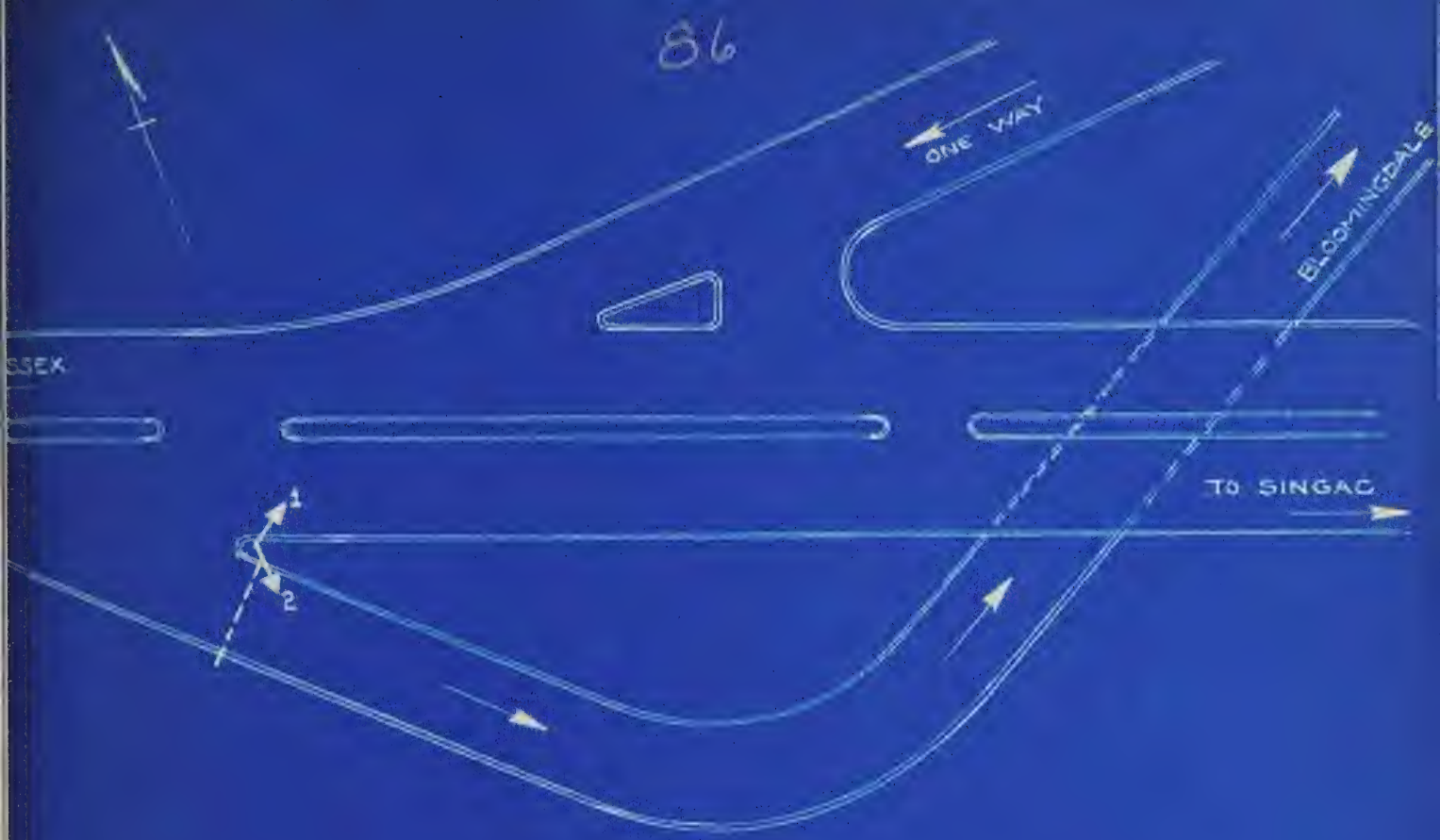
	No.		
KEEP TO RIGHT ONE WAY TRAFFIC 2'x4' 1-2-3-4	9 RH 10 LH 11 LH	LAMBERTVILLE 12 DOYLESTOWN 24 PHILADELPHIA 46 2'x4' 9-10-11	
SOMERVILLE 14 NEWARK 41 NEW YORK 50 2'x4' 5-6	12 RH 13 LH 14 LH	RINGOES 6 PENNINGTON 15 TRENTON 23 2'x4' 12-13-14	
CLINTON 11 WASHINGTON 21 BUTTZVILLE 27 2'x4' 7-8	15 RH 16 LH	FLEMINGTON 0 CROTON 4 BAPTISTOWN 8 FRENCHTOWN 11 2'-6"x4' 15-16	

ROUTES 12, 29 & 30

FLEMINGTON CIRCLE

JOB No. 1202

86



BUTLER	2
SINGAC	12
NEWARK	24
NEW YORK	33

2'-6" x 4'

BLOOMINGDALE	2
POMPTON LAKES	4
PATERSON	14
G.WASHINGTON BR.	28

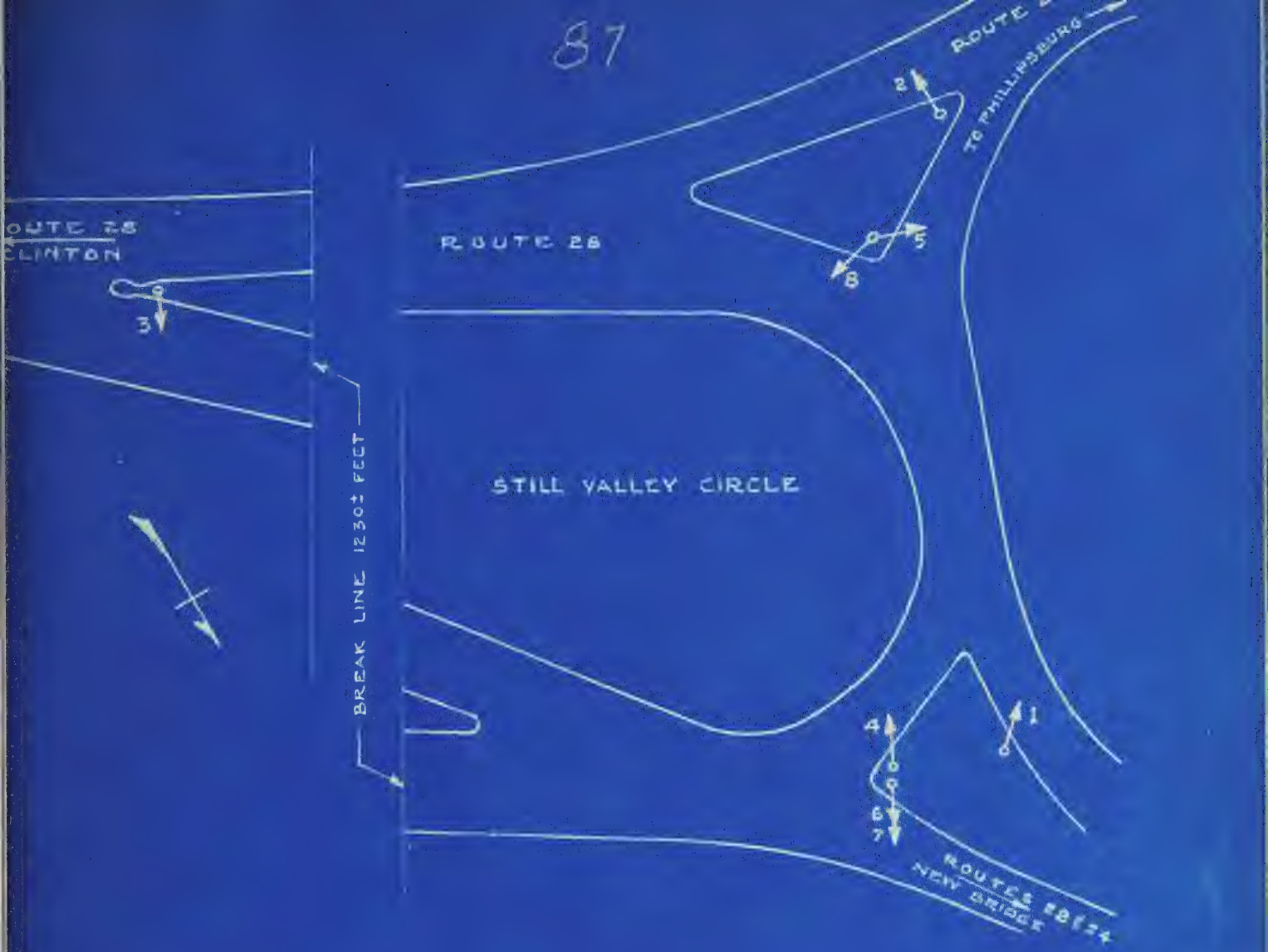
2'-6" x 4'

SIGNS IN SERVICE 11-6-41

ROUTE: 23 - SEC. 13A

SMITH MILLS CONTROL

JOB NO. 2310



KEEP TO RIGHT →

ONE WAY TRAFFIC

2'x4' 1-2-3

ALPHA
PHILLIPSBURG
BUSINESS CENTER

← 2'x4' 4-5

No.		
6RH	HARMONY	5
	WASHINGTON	11
	BELVIDERE	12

→ 2'x4' 6

No.		
7RH	PHILLIPSBURG	4
	EASTON	
	BETHLEHEM	14
	ALLENTOWN	20

→ 2'-6"x4' 7

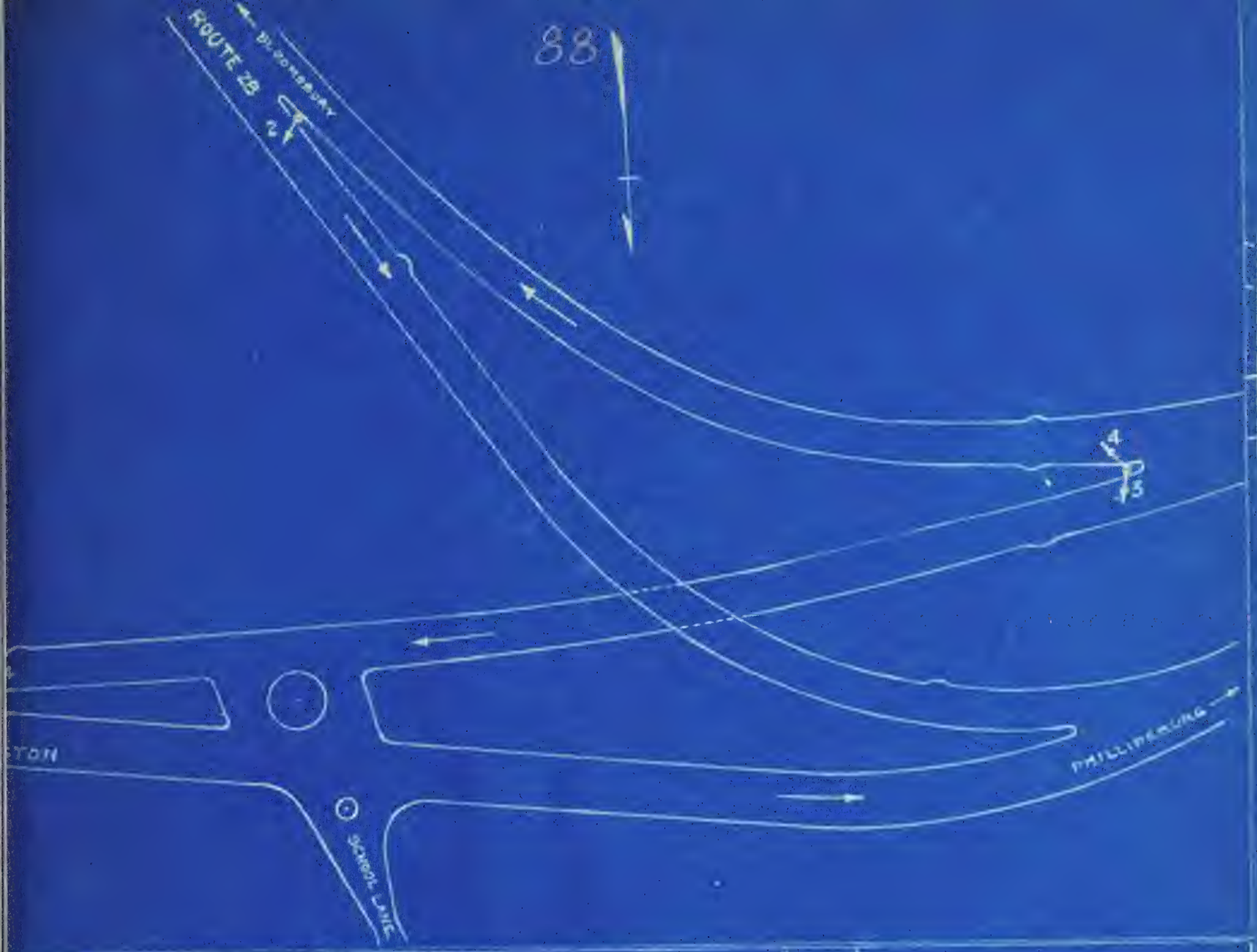
No.		
8LH	BLOOMSBURY	3
	SOMERVILLE	31
	ELIZABETH	55
	NEW YORK	67

← 2'-6"x4' 8

ROUTES 24 & 28

STILL VALLEY CIRCLE

JOB No:- 2403



No.	
4RH	KEEP TO RIGHT → ONE WAY TRAFFIC 2'X4' 1-2
	NEW VILLAGE 4 WASHINGTON 10 HACKETTSTOWN 22 ← 2'X4' 3
	BLOOMSBURY 5 SOMERVILLE 35 ELIZABETH 57 NEW YORK 69 → 2'-8"X4' 4

ROUTES 24 & 28

CONNECTING LINK, TWP. OF LOPATCONG

JOB No. 2404

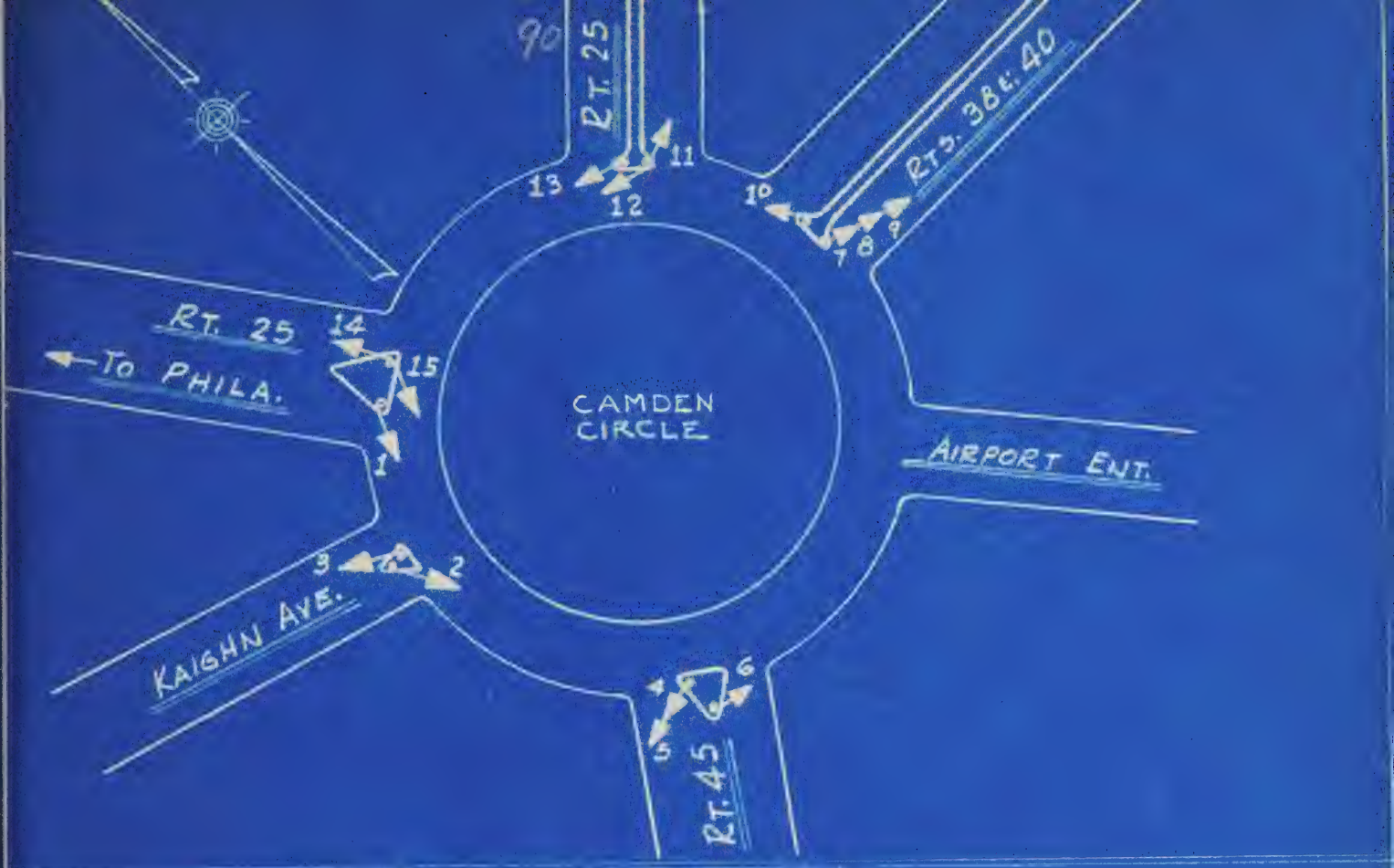
	No.		No.	
KEEP TO RIGHT ONE WAY TRAFFIC 2'X4' 1-2-3	6RH 7LH	PHILLIPSBURG } 3 EASTON BETHLEHEM 13 ALLENTOWN 19 2'-6"X4' 6-7	9RH	HARMONY 4 WASHINGTON 10 BELVIDERE 11 2'X4' 9
BLOOMSBURY 4 SOMERVILLE 32 ELIZABETH 56 NEW YORK 68 2'-6"X4' 4-5	8RH	ALPHA, PHILLIPSBURG BUSINESS CENTER 2'X4' 8		

SIGNS IN SERVICE 3-3-41

ROUTES 24 & 28

STRAW CHURCH CIRCLE

JOB No. 2405



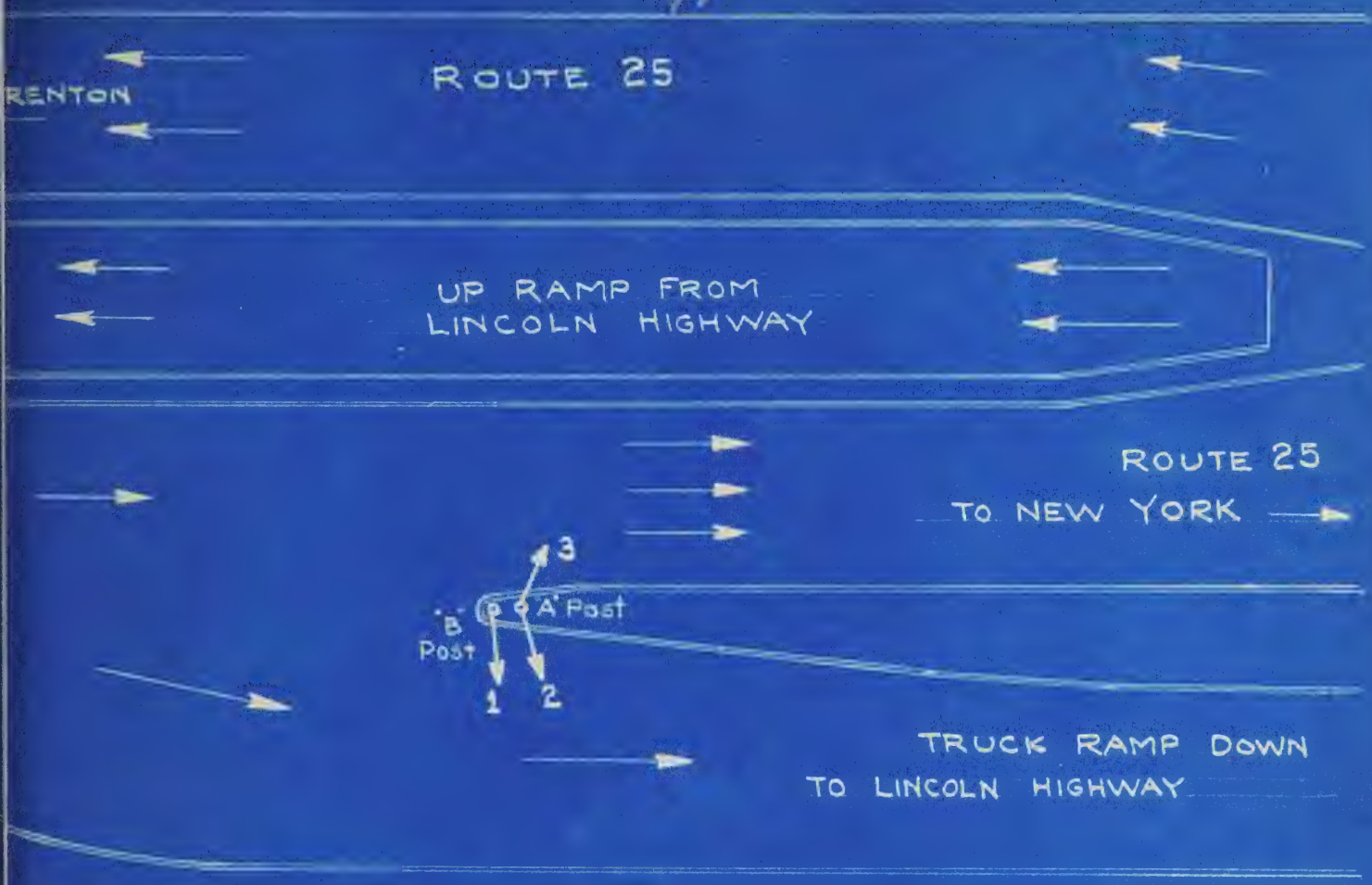
	No.	
KEEP TO RIGHT ONE WAY TRAFFIC 2'x 4' 1-2-6-10-13	8RH	BELMAR 65 ASBURY PARK 68 LONG BRANCH 74 2'x 4' 8
KAIGHN AVE. SOUTH STREET FERRY 2'x 4' 3	9RH	MEDFORD 14 LAKEHURST 44 MANAHAWKIN 50 LAKEWOOD 53 30"x 4' 9
SALEM 33 BRIDGETON 38 MILLVILLE 39 ATLANTIC CITY 56 30"x 4' 4	11RH	TRENTON 33 HIGHTSTOWN 39 NEWARK 79 NEW YORK 88 30"x 4' 11
PENNSGROVE 26 BALTIMORE WASHINGTON 2'x 4' 5-15	12LH 14RH	CAMDEN PHILADELPHIA BRIDGE 2 2'x 4' 12-14
MOORESTOWN 8 MOUNT HOLLY 17 PEMBERTON 22 2'x 4' 7		

SIGNS IN SERVICE 3-21-41

ROUTES 25-38-40-45

CAMDEN CIRCLE

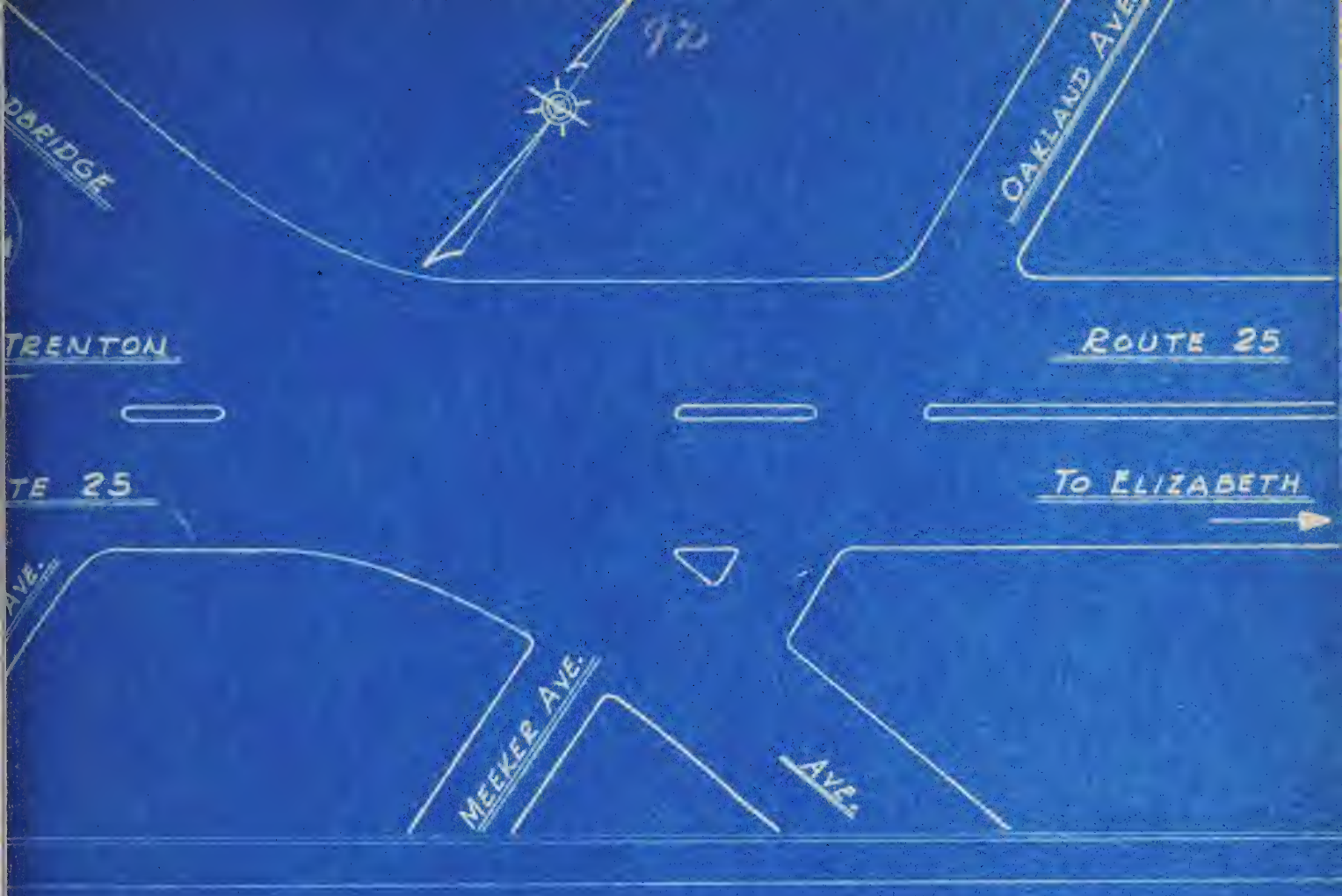
JOB No. 2503



	No.		No.	
RIGHT RAMP FOR SOUTH KEARNY NEW YORK FERRIES BAYONNE → 2'-6" x 4' 1	2 R.H.	ALL TRUCKS → 2' x 4' 2	3 L.H.	JERSEY CITY HOLLAND TUNNEL NEW YORK ← 2' x 4' 3

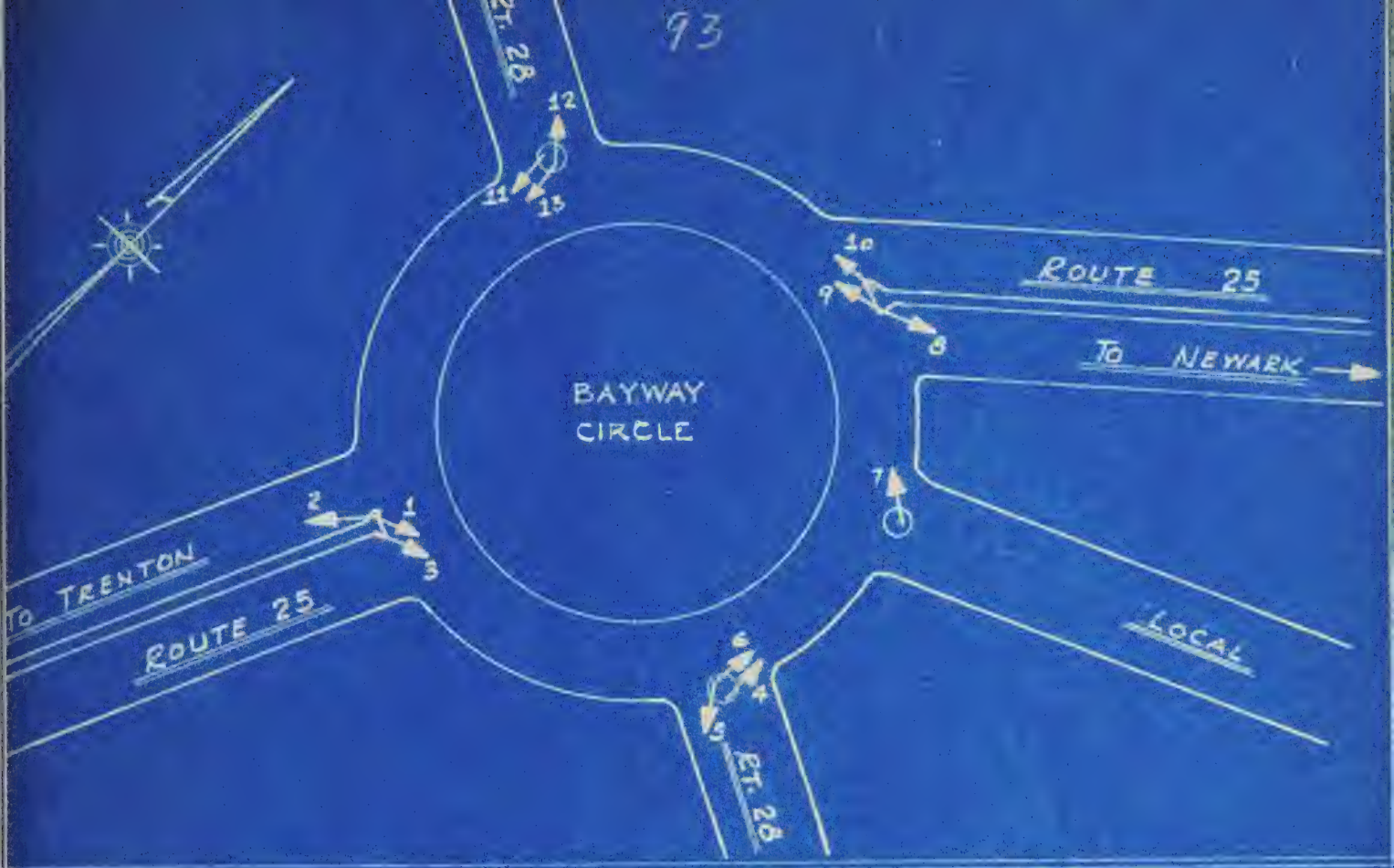
ROUTE 25
BEGINNING OF SKYWAY AND DOWN RAMP TO LINCOLN HIGHWAY

JOB No. 2519



RAISED LETTERS
OPAL GLASS

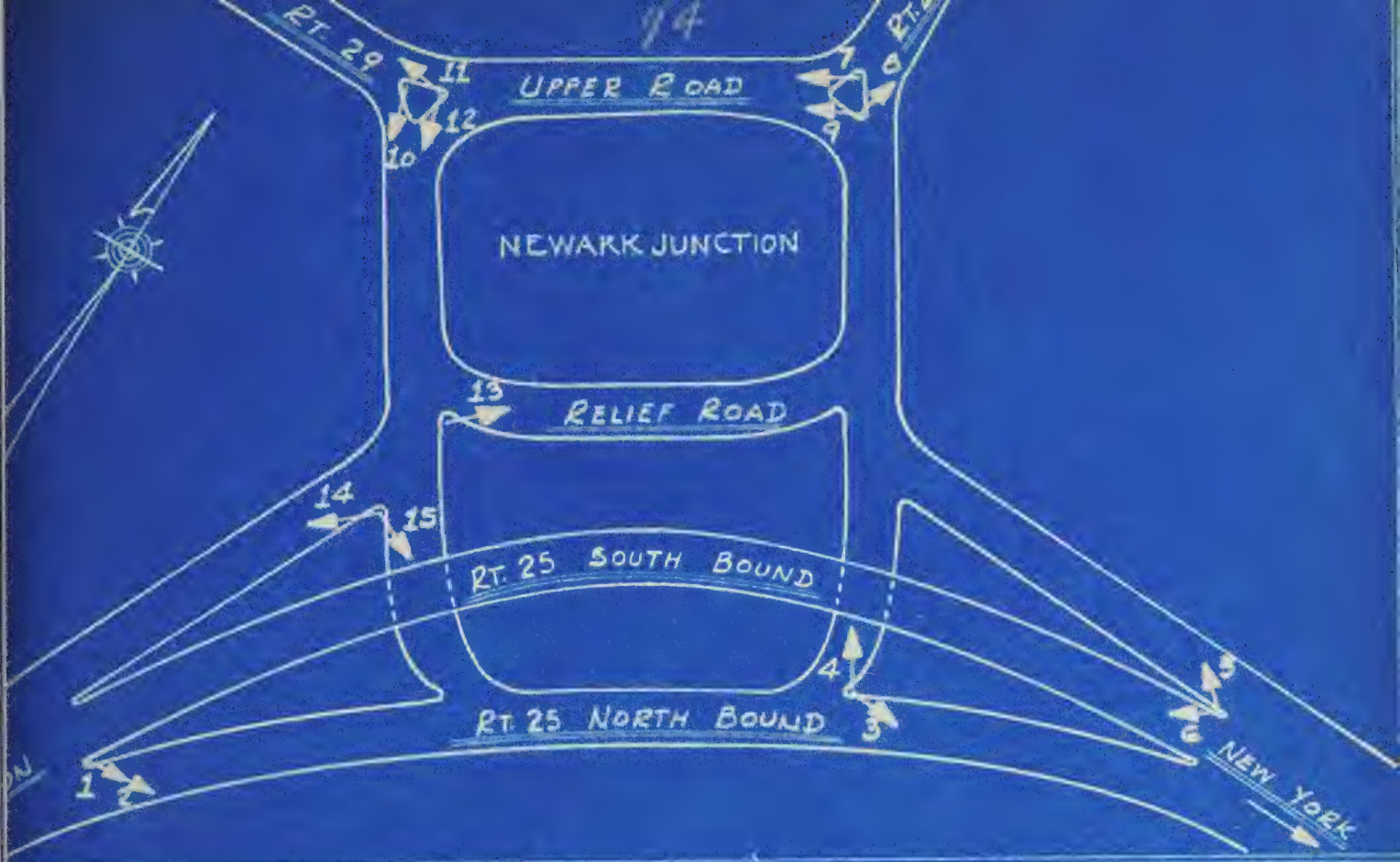
ROUTE 25
WOODBRIDGE AVE.
JOB No. 2524



	No.	
BAYWAY GOETHALS BRIDGE STATEN ISLAND 2 2'x 4' 1-5	9LH 12RH	ROSELLE PARK 3 PLAINFIELD 12 SOMERVILLE 25 PHILLIPSBURG 60 30"x 4' 9-12
PARKWAY 3 SHORE POINTS TRENTON 42 PHILADELPHIA 75 30"x 4' 2-13		
KEEP TO RIGHT ONE WAY TRAFFIC 2'x 4' 3-4-7-10-11		
NEWARK 7 JERSEY CITY 13 HOLLAND TUNNEL 15 NEW YORK 16 30"x 4' 6-8		

SIGNS IN SERVICE 1-22-41

ROUTES 25 & 28
BAYWAY CIRCLE
JOB NO. 2529



KEEP TO RIGHT
ONE WAY TRAFFIC
2' x 4'
1-7-10

NEWARK CENTER	2
HOLLAND TUNNEL	9
NEW YORK	10

2' x 4'
2

NEWARK AIRPORT	1
JERSEY CITY	7
HOLLAND TUNNEL	9
NEW YORK	10

30" x 4'
3-15

NEWARK CENTER	2
BELLEVILLE	6
PASSAIC	13

2' x 4'
4-8-13

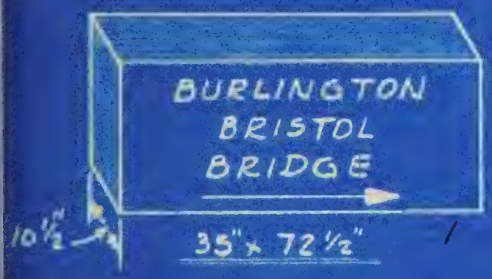
No.		
5RH	UNION	5
9LH	SOMERVILLE	26
11RH	LAMBERTVILLE	52
	EASTON	62

30" x 4'
5-9-11

6LH	ELIZABETH	4
12LH	SHORE RESORTS	
14RH	TRENTON	47
	PHILADELPHIA	80

30" x 4'
6-12-14

ROUTES 21-25 & 29
NEWARK JUNCTION
JOB No. 2532



7" LETTERS

35" ARROW

DOUBLE FACE SIGN

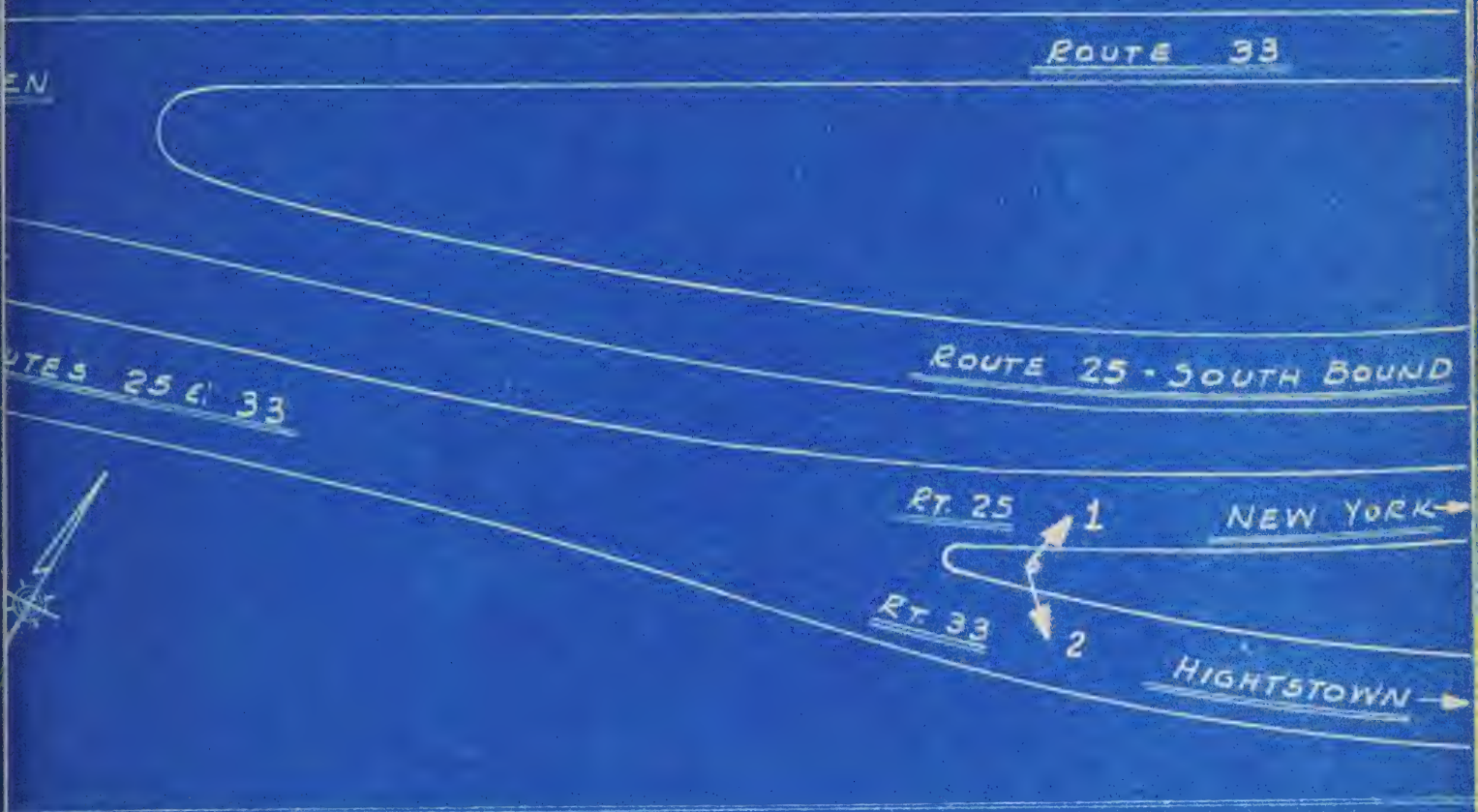
RAISED LETTERS

OPAL GLASS

ROUTES 25 & S-25

BURLINGTON

JOB No. 2554



NEW BRUNSWICK	20
NEWARK	42
NEW YORK	51

2' x 4'

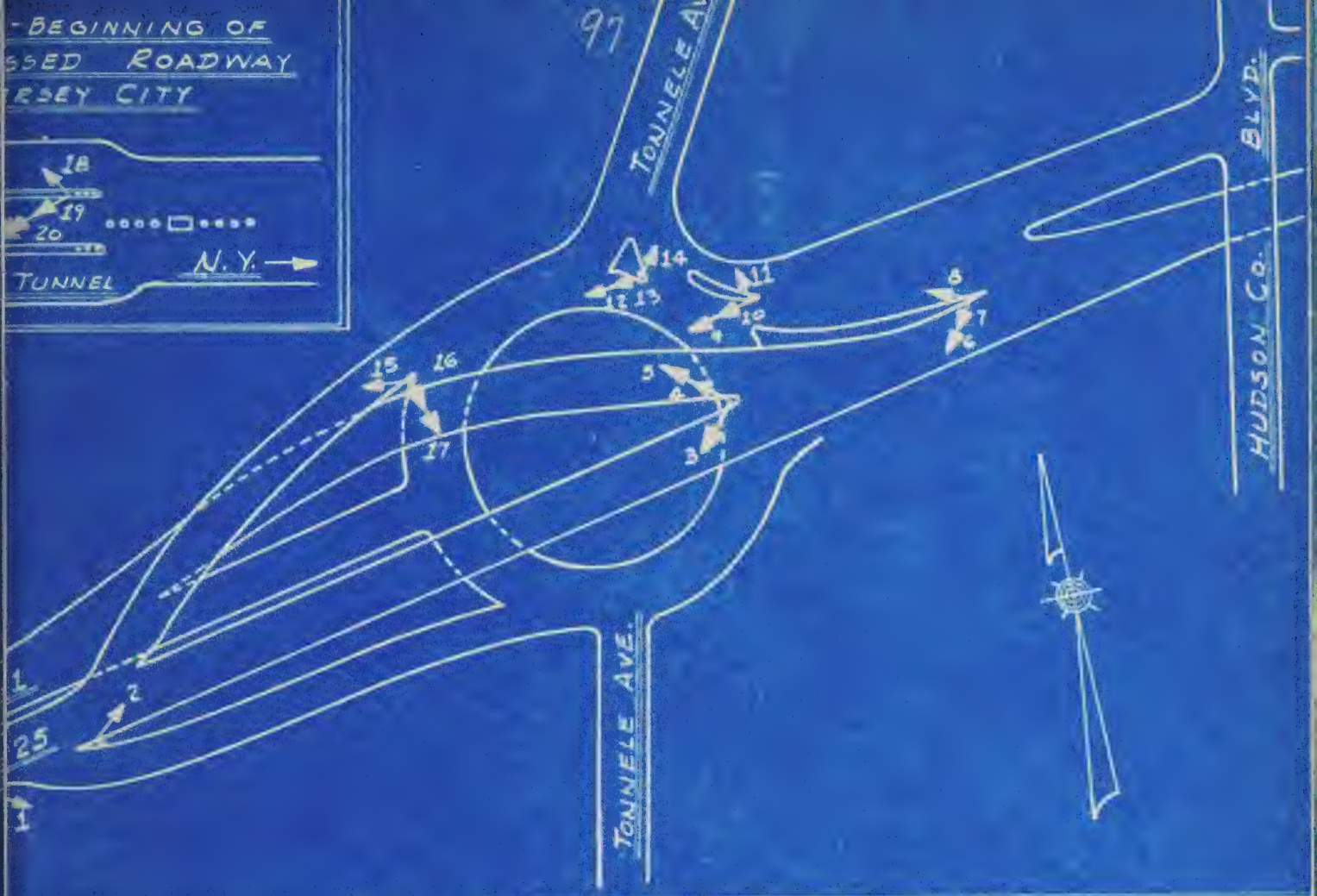
1

HIGHTSTOWN	2
FREEHOLD	16
SEASHORE RESORTS	

2' x 4'

2

ROUTES 25 & 33
HIGHSTOWN
JOB NO. 2558



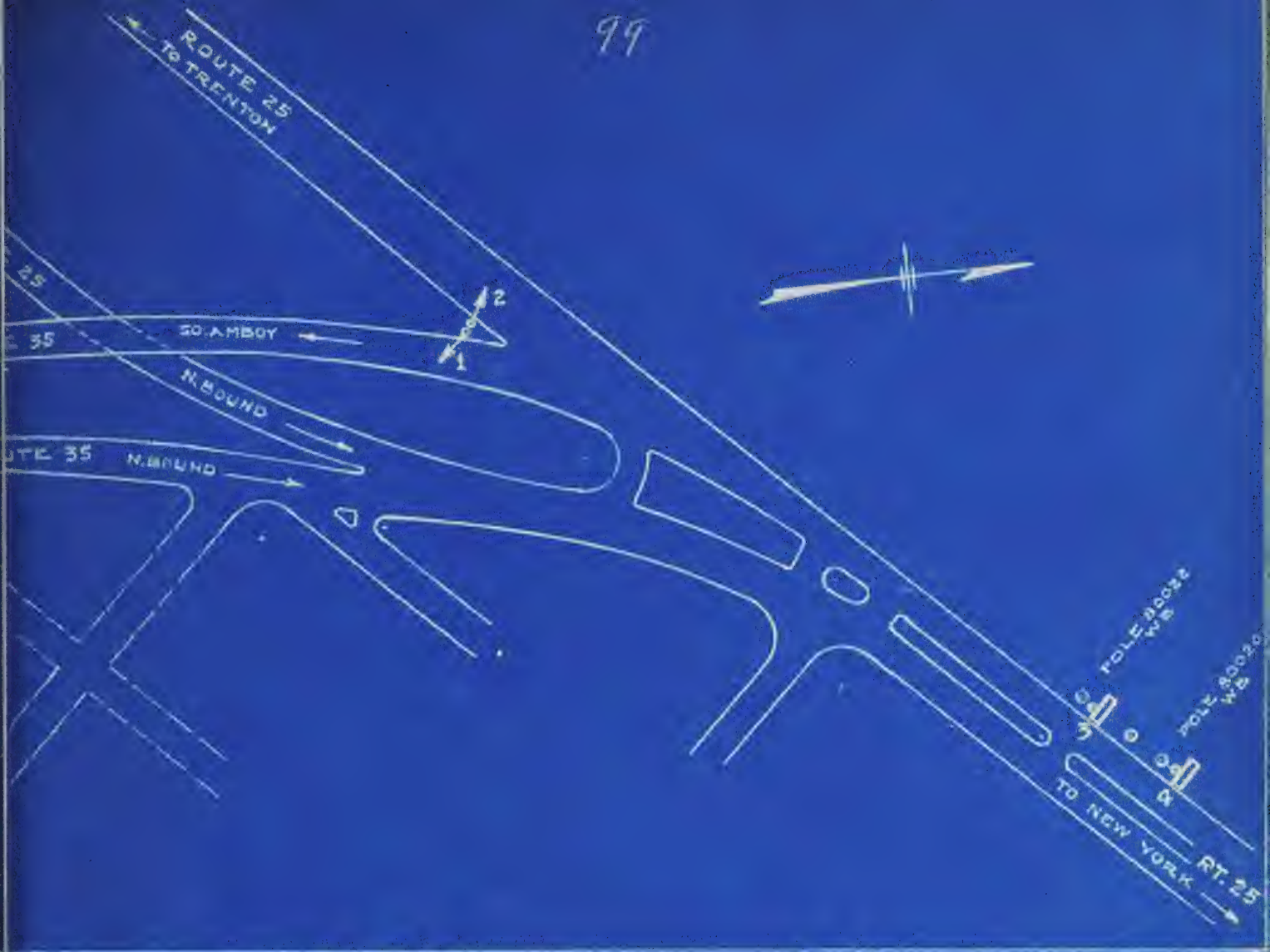
	No.		No.	
ERSEY CITY HUDSON BLVD. ONKERS FERRY INCOLN TUNNEL 30" x 4' 1	5RH 16LH	ALL TRUCKS 2' x 4' 5-16	19LH	NEWARK SEASHORE RESORTS TRENTON PHILADELPHIA 2' x 3' 19
STRAIGHT AHEAD HOLLAND TUNNEL NEW YORK 2' x 4' 2	8RH 11RH	PASSAIC 10 HACKENSACK 11 PATERSON 15 G WASHINGTON BR. 30" x 4' 8-11	20LH	PASSAIC HACKENSACK PATERSON G.WASHINGTON BR 2' x 3' 20
NEWARK 5 EASHORE RESORTS RENTON 54 HILADELPHIA 87 30" x 4' 3-6-9-12-15	18RH	HUDSON BOULEVARD JERSEY CITY LOCAL 18" x 3' 18		
HARRISON 4 EARNY 5 MONTCLAIR 9 AYONNE 6 30" x 4' 4-7-10-13-17	14RH	PASSAIC 10 HACKENSACK 11 PATERSON 15 LINCOLN TUNNEL G. WASHINGTON BRIDGE 30" x 4' 14		SIGNS IN SERVICE 3-25-41 ROUTE 25 TONNELE AVENUE CIRCLE JOB No. 2570

	No.		No.	
KEEP TO RIGHT → ONE WAY TRAFFIC 2'X4' 1-2	7 LH 8 RH	ISELIN 1 OAK TREE 4 PLAINFIELD 8 ← 2'X4' 7-8	11 LH 12 RH	WOODBRIDGE 1 SEWAREN 2 CARTERET 5 ← 2'X4' 11-12
NEW BRUNSWICK 9 TRENTON 35 CAMDEN 67 PHILADELPHIA 68 ← 2'6"X4' 3-4	9 RH 10 LH	SOUTH AMBOY 6 SEASHORE RESORTS LAKEWOOD 37 → 2'X4' 9-10		
RAHWAY 4 NEWARK 14 JERSEY CITY 20 NEW YORK 23 → 2'6"X4' 5-6				

ROUTE 25

GREEN ST. CIRCLE, WOODBRIDGE TWP.

JOB No. 2577

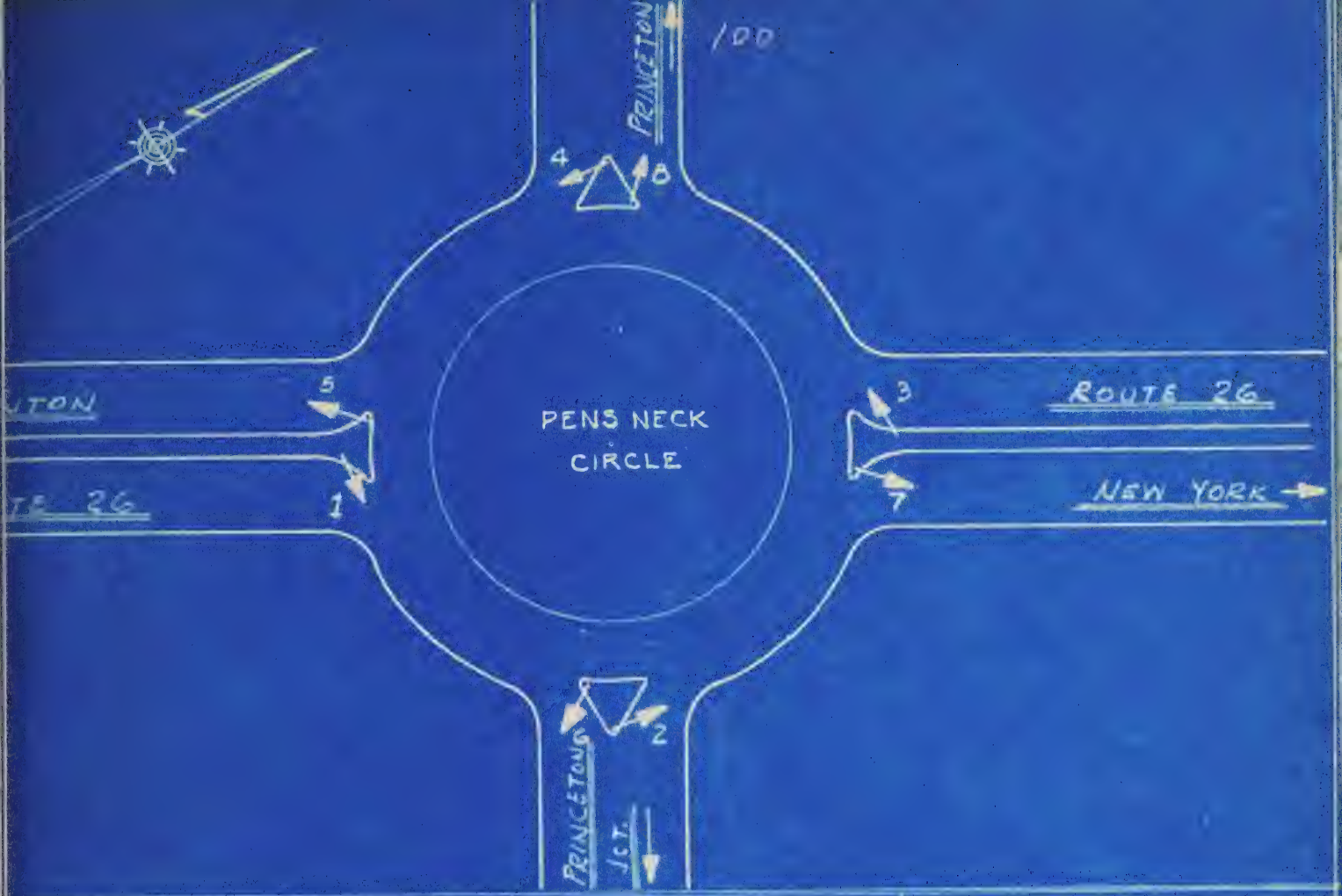


	No.	
SOUTH AMBOY 6 SEASHORE RESORTS LAKEWOOD 37 ATLANTIC CITY 102 ← 2'-6"X4' 1	3	KEEP RIGHT NEW BRUNSWICK TRENTON CAMDEN PHILADELPHIA 3'X4' (SPECIAL) 3
NEW BRUNSWICK 9 TRENTON 35 CAMDEN 67 PHILADELPHIA 68 → 2'-6"X4' 2	4	KEEP LEFT SOUTH AMBOY SEASHORE RESORTS LAKEWOOD ATLANTIC CITY 3'X4' (SPECIAL) 4

ROUTE 25

WOODBRIDGE-PERTH AMBOY BY-PASS

JOB No. 2577



KEEP TO RIGHT
ONE WAY TRAFFIC
2'x 4' 1-2-3-4

TRENTON	10
CAMDEN	45
PHILADELPHIA	43

2'x 4' 5

HIGHTSTOWN	8
FREEHOLD	21
SHORE POINTS	

2'x 4' 6

NEW BRUNSWICK	16
NEWARK	38
NEW YORK	47

2'x 4' 7

NO.

ORH

PRINCETON	1
SOMERVILLE	19
MORRISTOWN	40

2'x 4' 8

ROUTE 26
PENNS NECK CIRCLE
JOB NO. 2603

LOCATION #3
FLOURESCENT SIGN

SLOW
TRAFFIC CIRCLE

2'x4'

LOCATION #1
SIGN IS NOT A FLASHER

LOCATIONS #1 & #2

SLOW
AFFIC CIRCLE

3'-6"

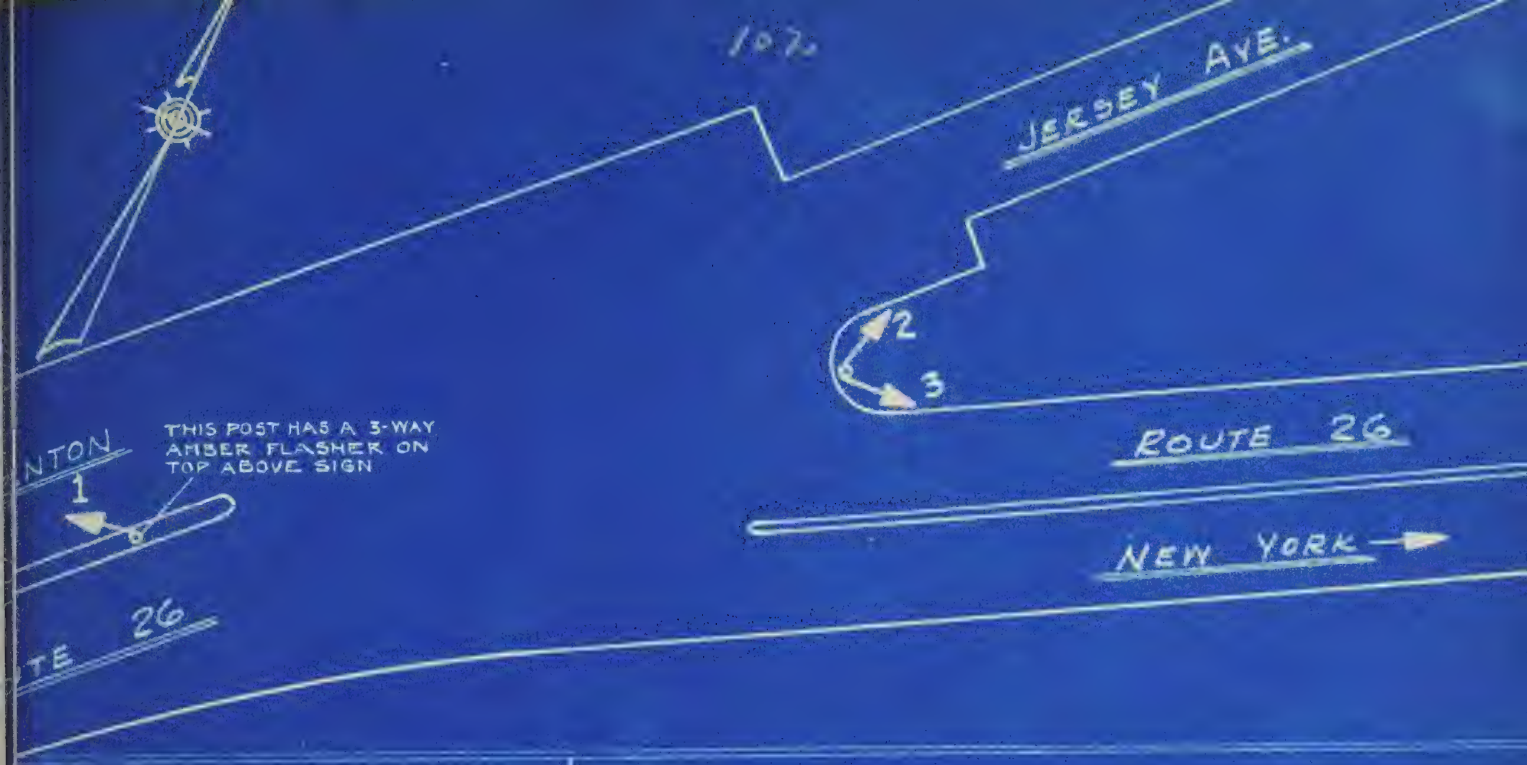
7'-6"

8"

D NEON ON WHITE LETTERS
H BLACK BACKGROUND
N MOUNTED ON 2" PIPE

ROUTE 26
APPROACHES TO
PENNS NECK CIRCLE

JOB No. 2604



KEEP TO RIGHT
ONE WAY TRAFFIC
2' x 4'
1

NEW BRUNSWICK 4
HIGHLAND PARK 5
BOUND BROOK 10
2' x 4'
2

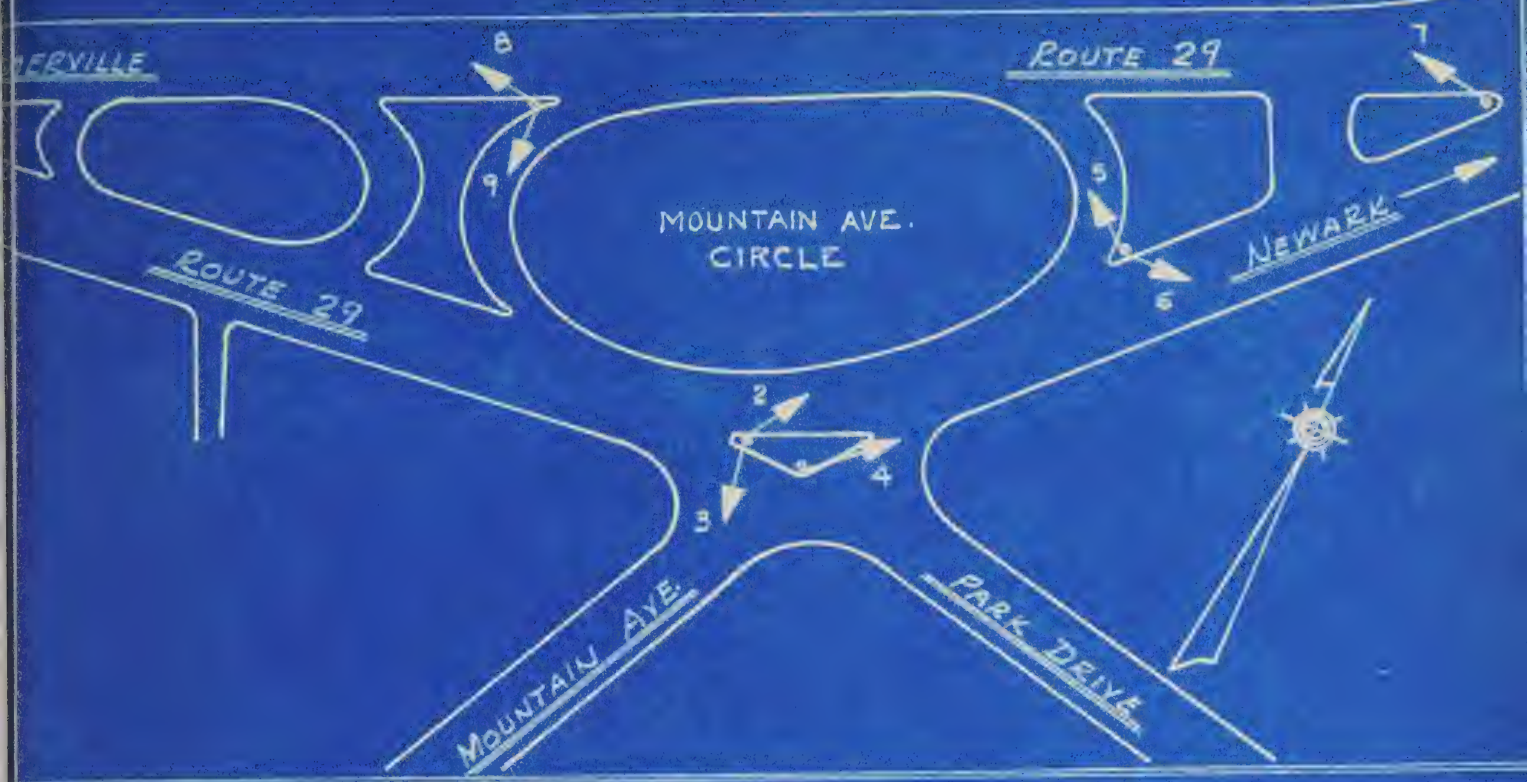
ELIZABETH 21
NEWARK 27
NEW YORK 35
2' x 4'
3

ROUTE 26
JERSEY AVE.
JOB No. 2606

	No.		No.	
SOMERVILLE 0 BOUND BROOK 6 ELIZABETH 25 NEW YORK 37 30"x 4' 1	5LH 9RH	NORTH PLAINFIELD 11 NEWARK 28 NEW YORK 37 2'x 4' 5-9	13LH 15RH	FLEMINGTON 13 LAMBERTVILLE 25 PHILADELPHIA 59 2'x 4' 13-15
BELLEMEAD 8 PRINCETON 17 TRENTON 28 2'x 4' 2-17	6RH 16LH	SOMERVILLE 0 BOUND BROOK 6 ELIZABETH 25 2'x 4' 6-16		
KEEP TO RIGHT ONE WAY TRAFFIC 2'x 4' 3-7-11-14-18	8LH 12RH	NORTH BRANCH 3 CLINTON 16 PHILLIPSBURG 34 EASTON 35 30"x 4' 8-12		
BEDMINSTER 8 CHESTER 16 MORRISTOWN 20 NETCONG 25 30"x 4' 4-10				

ROUTES 28-29-31
SOMERVILLE CIRCLE
JOB No. 2906

105



KEEP TO RIGHT
ONE WAY TRAFFIC
2' x 4' 1-4-7

UNION	5
ELIZABETH	8
NEWARK	11
NEW YORK	20

30" x 4' 2-6

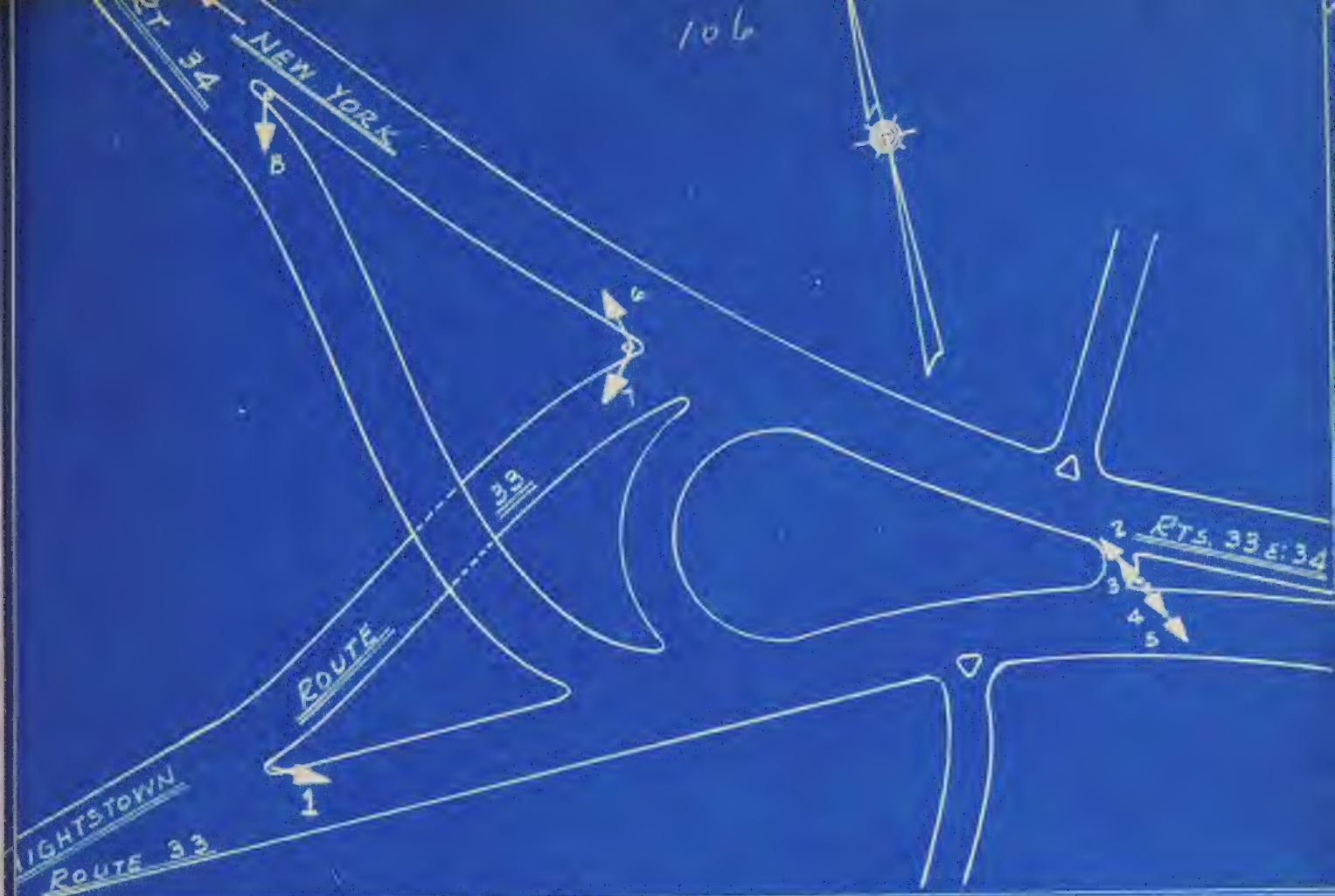
WESTFIELD	2
RAHWAY	7

18" x 4' 3-9

NO. PLAINFIELD	5
SOMERVILLE	16
LAMBERTVILLE	42
PHILLIPSBURG	51

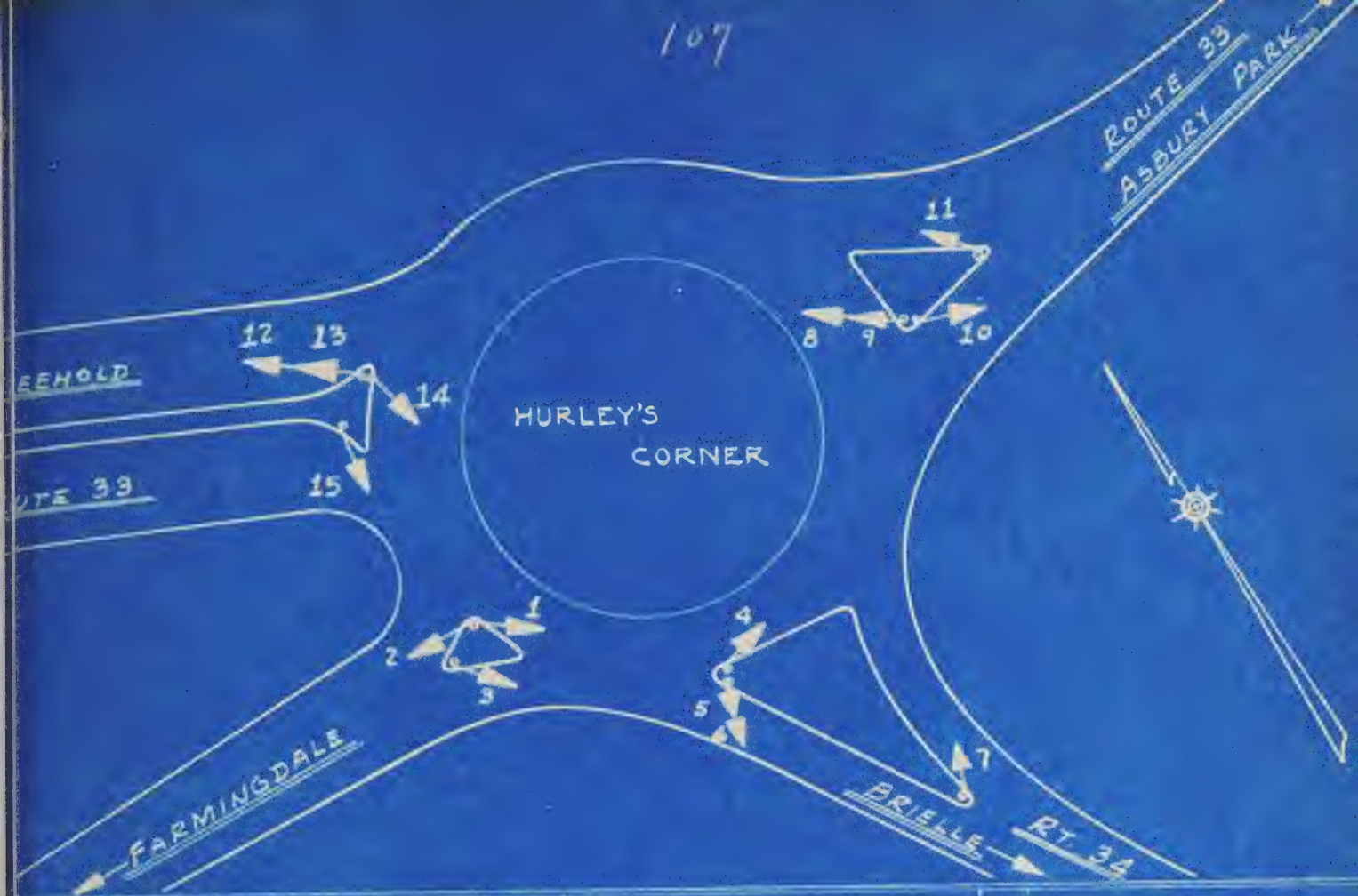
30" x 4' 5-6

ROUTE 29
MOUNTAIN AVE. CIRCLE
JOB No. 2918



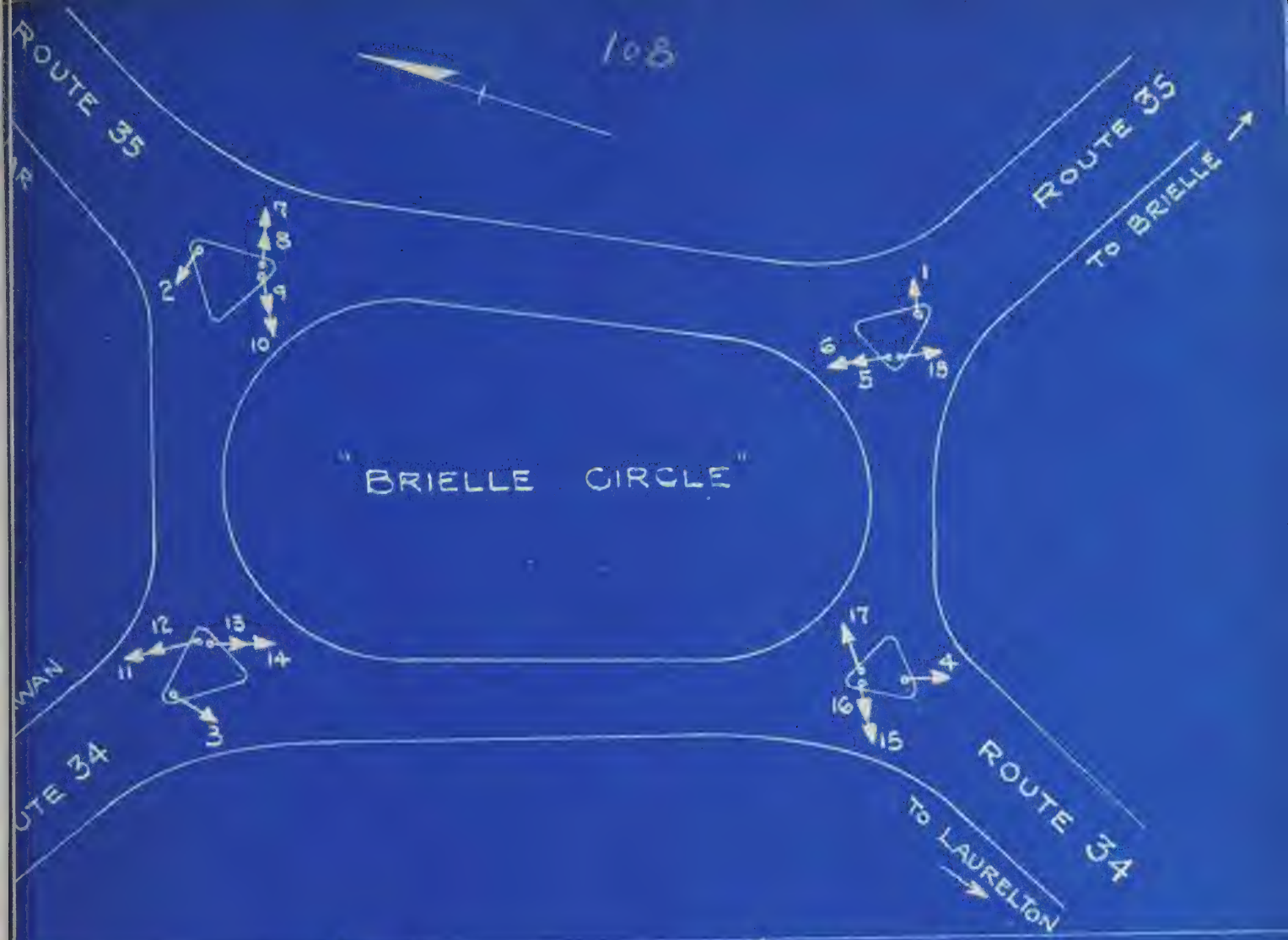
	No.	
KEEP TO RIGHT ONE WAY TRAFFIC 2'x 4' 1-8	SRH	HAMILTON 3 OCEAN GROVE 7 ASBURY PARK 7 2'x 4' 5
MATAWAN 14 PERTH AMBOY 25 NEW YORK 51 2'x 4' 2	GRH	MATAWAN 14 PERTH AMBOY 25 NEWARK 42 NEW YORK 51 30"x 4' 6
FREEHOLD 7 HIGHTSTOWN 21 TRENTON 36 2'x 4' 3-7		
BRIELLE 10 POINT PLEASANT 11 SEASIDE HEIGHTS 22 2'x 4' 4		

ROUTES 33 & 34
LIPPINCOTT'S CORNER
JOB No. 3310



	No.	
BRIELLE 9 PT. PLEASANT 10 SEASIDE HGTS. 21 2'x 4' 1-6	5RH	BELMAR 6 MANASQUAN 9 SEA GIRT 9 2'x 4' 5
FARMINGDALE 2 ADELPHIA 8 18"x 4' 2-14	8LH 12RH	FREEHOLD 8 HIGHTSTOWN 22 TRENTON 37 2'x 4' 8-12
KEEP TO RIGHT ONE WAY TRAFFIC 2'x 4' 3-7-11-15	9LH 13RH	MATAWAN 15 NEWARK 43 NEW YORK 52 2'x 4' 9-13
HAMILTON 2 OCEAN GROVE 6 ASBURY PARK 6 BRADLEY BEACH 7 30'x 4' 4-10		

ROUTES 33 & 34
HURLEY'S CORNER
JOB No. 3312



	No.		No.	
KEEP TO RIGHT ONE WAY TRAFFIC 2' x 4' 1-2-3-4	10 L.H. 11 R.H.	MATAWAN 22 NEWARK 50 NEW YORK 59 2' x 4' 10-11	16 R.H.	CAMDEN 63 PHILADELPHIA 64 2' x 4' 16
MANASQUAN 2 SEA GIRT 2 2' x 4' 5-8	13 L.H.	PT. PLEASANT 2 BAY HEAD 4 SEASIDE HGT'S 13 2' x 4' 13	17 L.H. 18 R.H.	BRIELLE 1 PT. PLEASANT 2 BAY HEAD 4 SEASIDE HGT'S. 13 2'-6" x 4' 17-18
BELMAR 5 ASBURY PARK 8 RED BANK 17 2' x 4' 6-7	14 L.H.	LAKEWOOD 10 ATLANTIC CITY 72 CAMDEN 63 PHILADELPHIA 64 2'-6" x 4' 14		
ALLENWOOD 3 FARMINGDALE 8 FREEHOLD 16 2' x 4' 9-12	15 R.H.	LAURELTON 5 LAKEWOOD 10 TOMS RIVER 14 ATLANTIC CITY 72 2'-6" x 4' 15		

ROUTES 34 & 35
"BRIELLE CIRCLE"

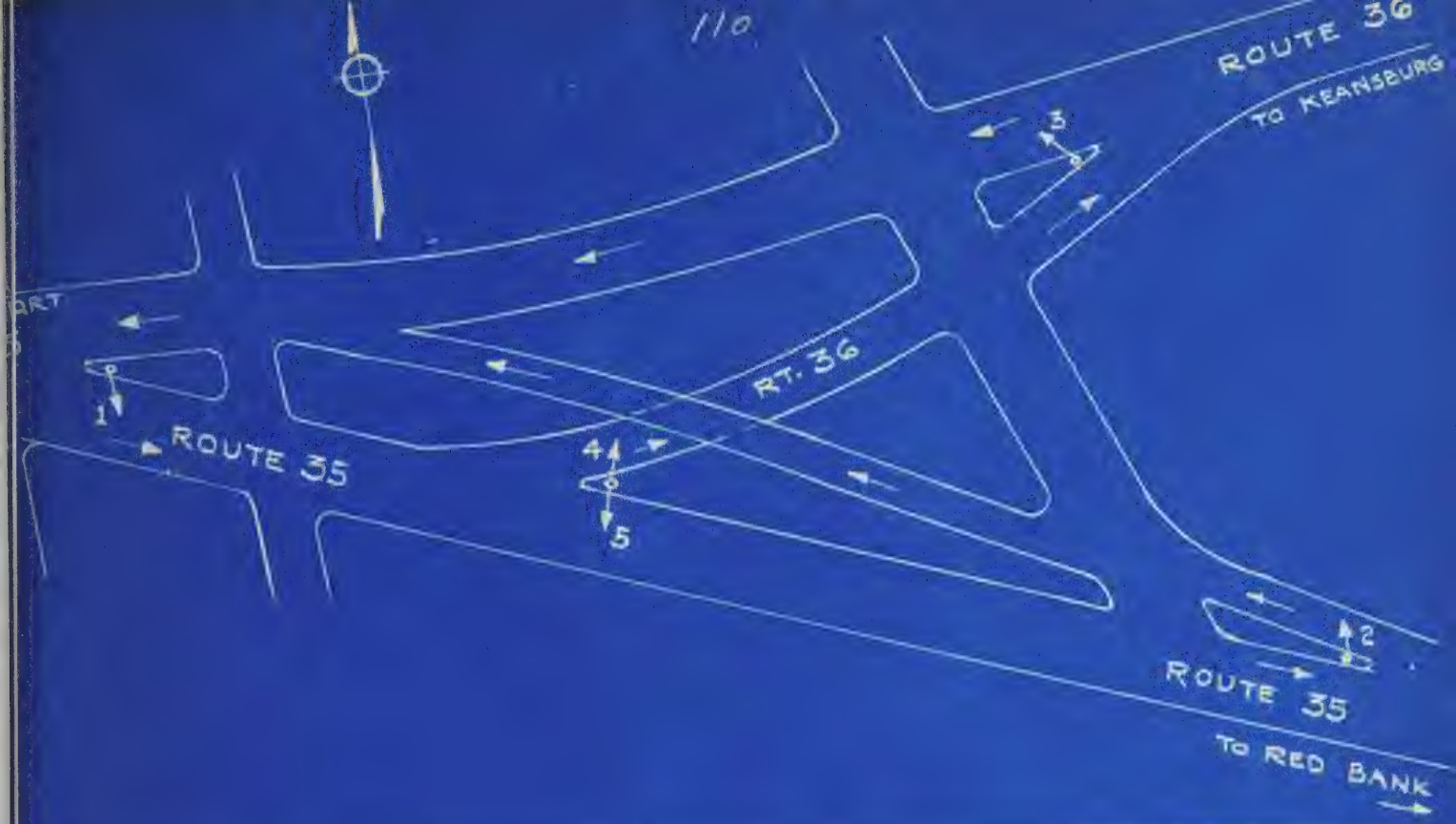
JOB No. 3406

	No.		No.	
KEEP TO RIGHT → ONE WAY TRAFFIC 2'x4' 1-2-3-4	12LH 13RH	BELMAR 3 PT. PLEASANT 11 LAKEWOOD 22 ATLANTIC CITY 87 ← 2'-6"x4' 12-13	16RH 17LH	ASBURY PARK 1 BELMAR 3 LAKEWOOD 22 ATLANTIC CITY 87 → 2'6"x4' 16-17
FREEHOLD 15 HIGHTSTOWN 28 TRENTON 43 ← 2'x4' 5-6	14RH 15LH	ASBURY PARK BUSINESS CENTER AND BEACH → 2'x4' 14-15		
TO ROUTE 34 MATAWAN 19 NEWARK 47 NEW YORK 56 ← 2'-6"x4' 7-18				
RED BANK 9 SOUTH AMBOY 25 NEWARK 45 NEW YORK 54 → 2'-6"x4" 8-9-10-11				

ROUTE 35

ASBURY AVE. CIRCLE

JOB No. 3506



KEEP TO RIGHT

ONE WAY TRAFFIC

1-2-3

2' x 4'

KEANSBURG	4
ATLANTIC HIGHLANDS	8
HIGHLANDS	11
SEA BRIGHT	14

4

2'-6" x 4'

MIDDLETOWN	6
RED BANK	10
EATONTOWN	13
ASBURY PARK	20

5

2'-6" x 4'

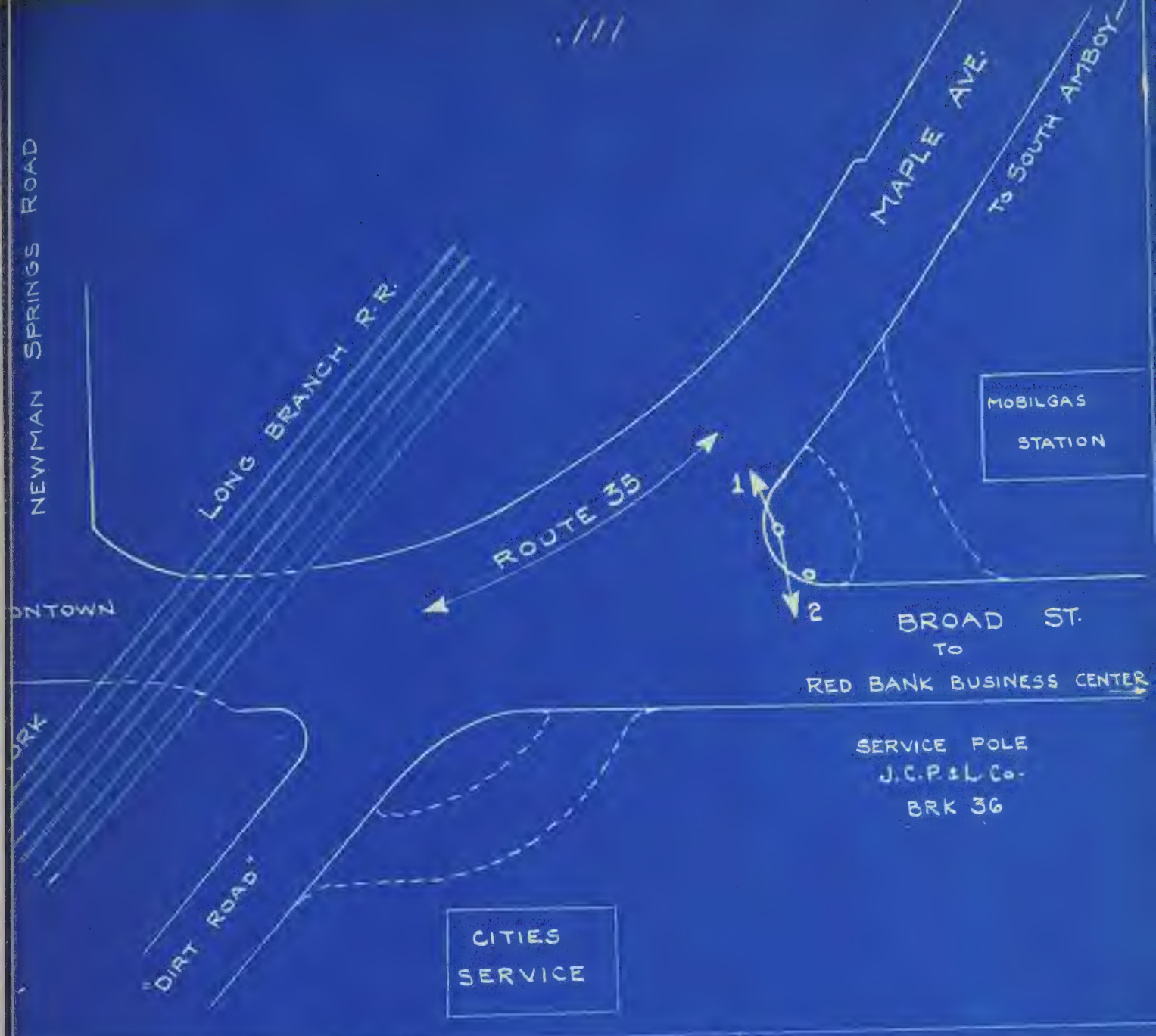
SIGNS IN SERVICE 2-11-41

ROUTES 35 & 36

KEYPORT CONTROL

JOB No. 3525

- 3-3-42 -



	No.	
KEYPORT 11 SOUTH AMBOY 17 JERSEY CITY 43 NEW YORK 46 ← 2'-6" x 4' 1	2 RH	RED BANK BUSINESS CENTER → 2' x 4' 2

SIGNS IN SERVICE- 1-11-41

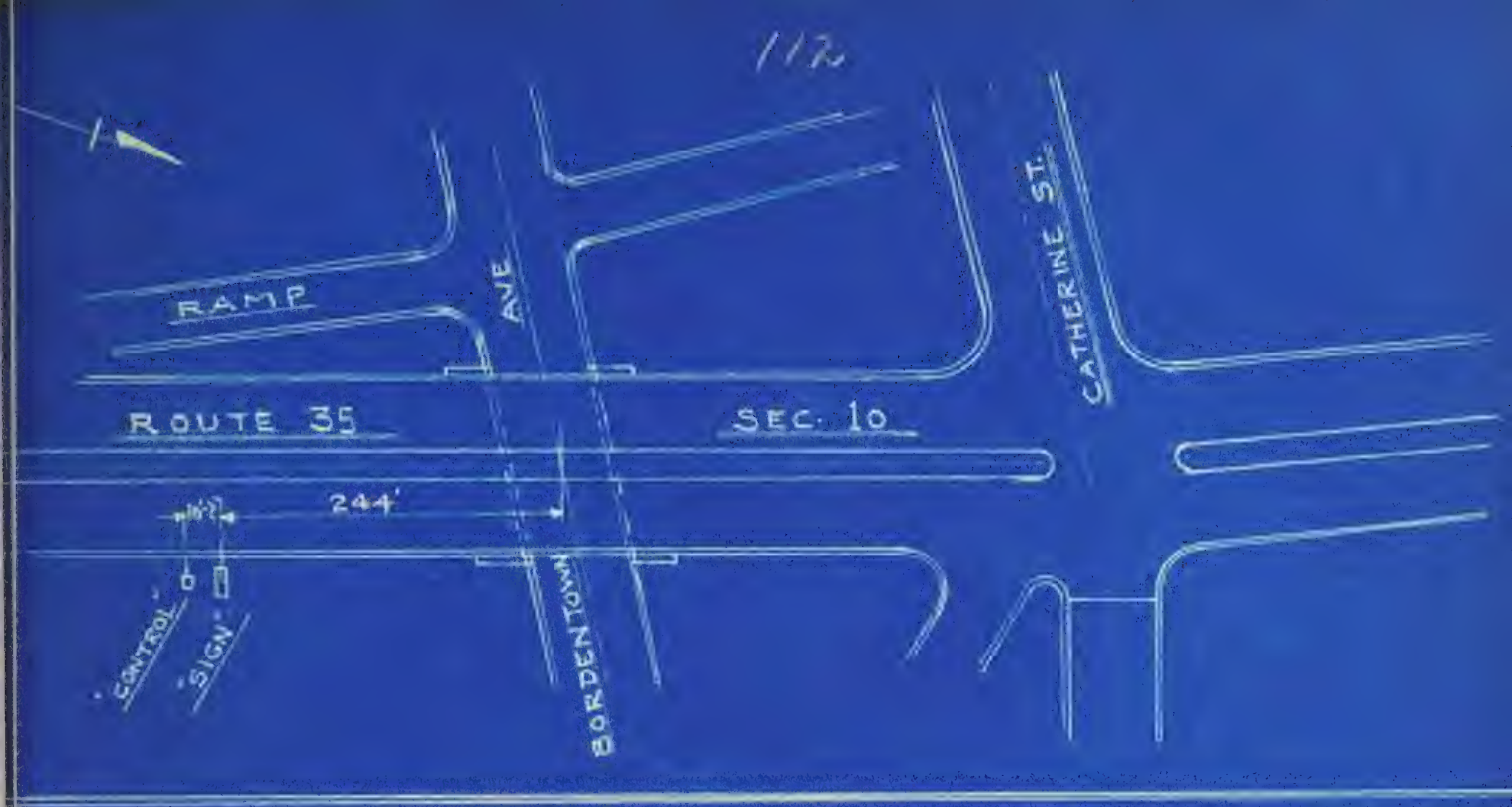
ROUTE 35

MAPLE AVE. & BROAD ST.
RED BANK

JOB No. 3529

- 3-3-42 -

112



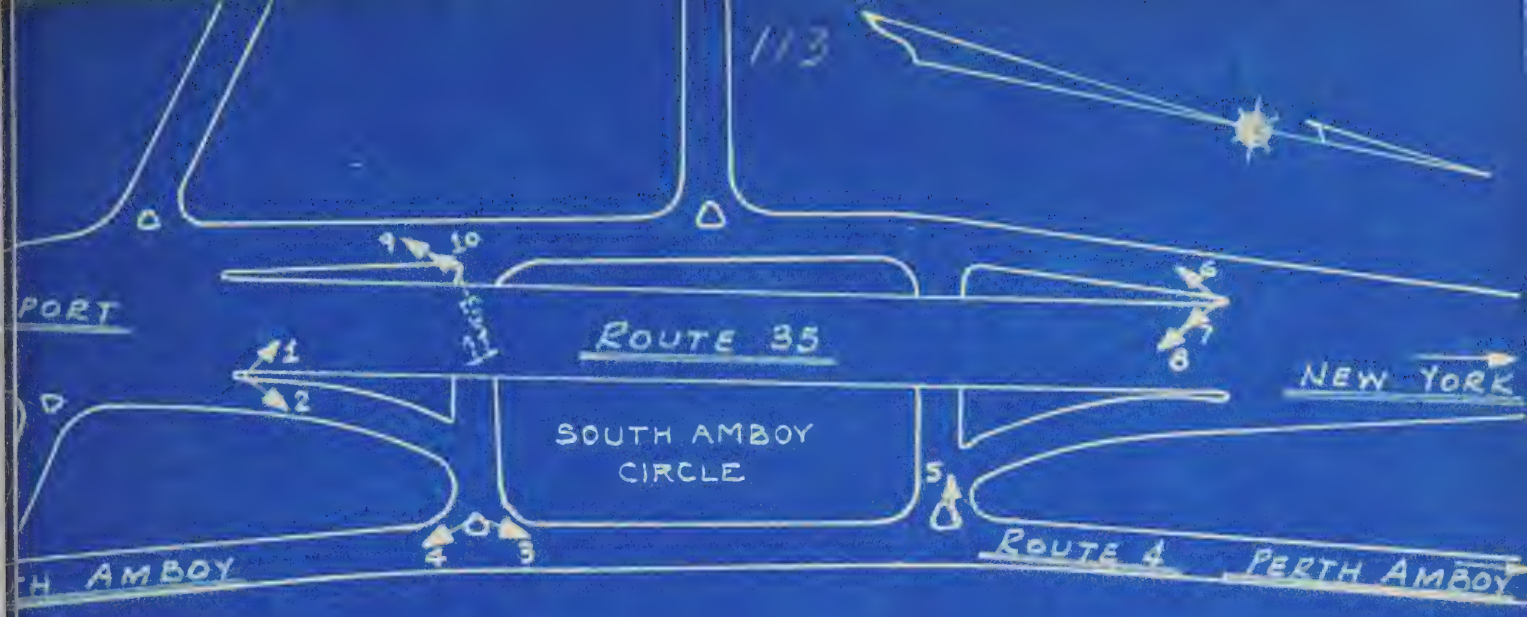
NEON SIGN

ROUTE 35 - SEC. 10

NEON SIGN INSTALLED
NEAR CATHERINE ST.

JOB No. 3536

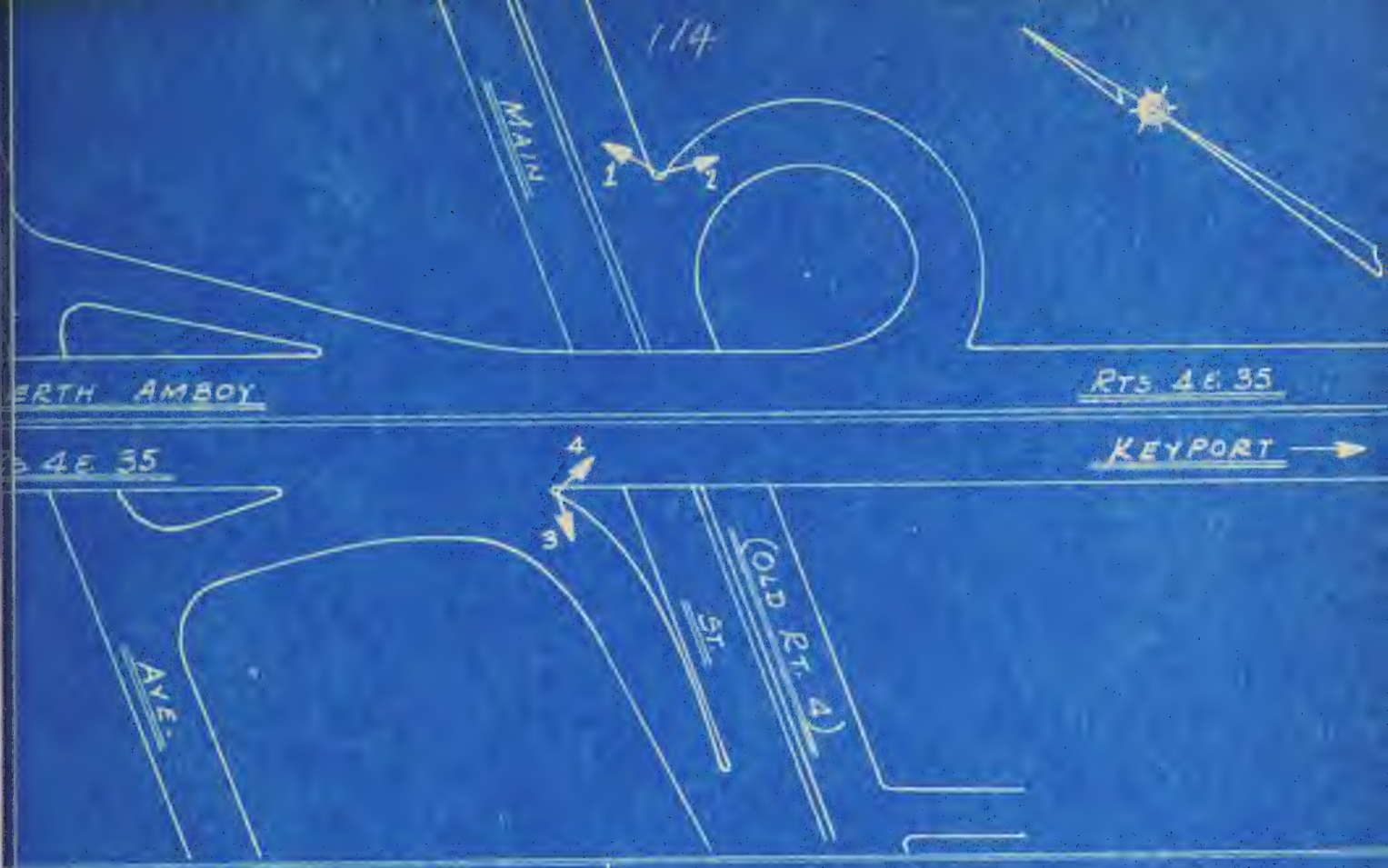
- 3-3-42 -



	No.	
RAHWAY 9 ELIZABETH 13 NEWARK 19 NEW YORK 28 30" x 4' 1	7LH	KEYPORT 7 ATLANTIC H-LDS 15 RED BANK 17 LONG BRANCH 23 30" x 4' 7
PERTH AMBOY 2 WOODBRIDGE 5 2' x 4' 2	8LH	MATAWAN 9 ASBURY PARK 29 LAKEWOOD 32 ATLANTIC CITY 97 30" x 4' 8
PERTH AMBOY 2 NEWARK 19 NEW YORK 28 2' x 4' 3	9RH	MATAWAN 9 FREEHOLD 20 ASBURY PARK 29 ATLANTIC CITY 97 30" x 4' 9
SOUTH AMBOY BUSINESS CENTER 1 18" x 4' 4-11	10RH	KEYPORT 7 ATLANTIC HIGHLANDS 15 RED BANK 17 LONG BRANCH 23 30" x 4' 10
KEEP TO RIGHT ONE WAY TRAFFIC 2' x 4' 5		
SOUTH AMBOY BUSINESS CENTER 1 2' x 4' 6		

SIGNS IN SERVICE 3-7-41

ROUTES 35 & 4
SOUTH AMBOY CIRCLE
JOB No. 3570



SOUTH AMBOY
BUSINESS CENTER
←
18" x 4'
1

PERTH AMBOY	3
NEWARK	20
NEW YORK →	29

2'x 4'
2

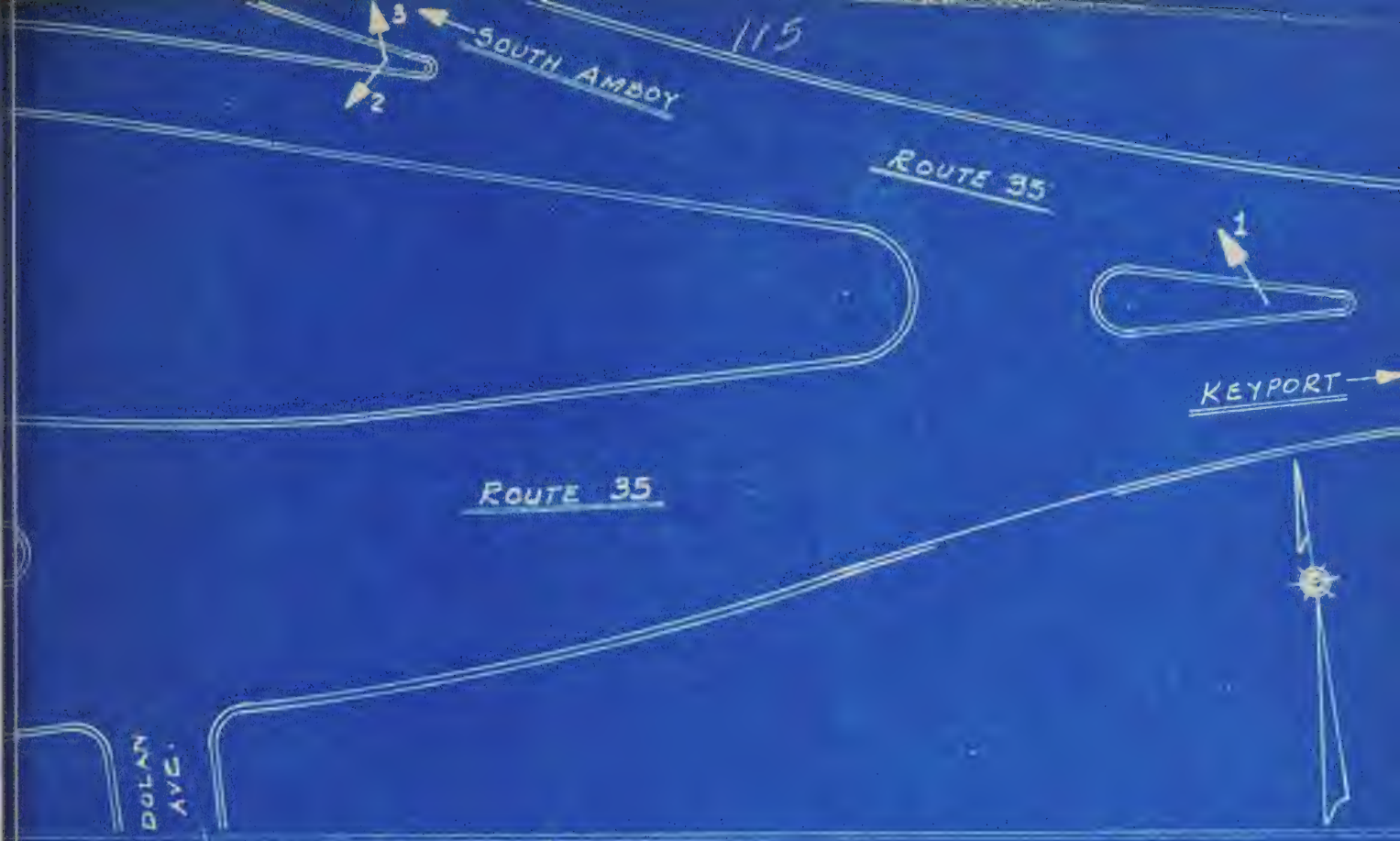
MATAWAN	8
FREEHOLD	19
ASBURY PARK	28
ATLANTIC CITY →	96

30"x 4'
3

KEYPORT	6
ATLANTIC HIGHLANDS	14
RED BANK	16
LONG BRANCH ←	22

30" x 4'
4

ROUTE 35
MAIN ST. CONTROL, SOUTH AMBO
JOB No. 3571



KEEP TO RIGHT
ONE WAY TRAFFIC
2' x 4'
1

PERTH AMBOY 5
NEWARK 22
NEW YORK 31
2' x 4'
2

SOUTH AMBOY
BUSINESS CENTER 2
18" x 4'
3

ROUTE 35
MORGAN CONTROL
JOB No. 3572

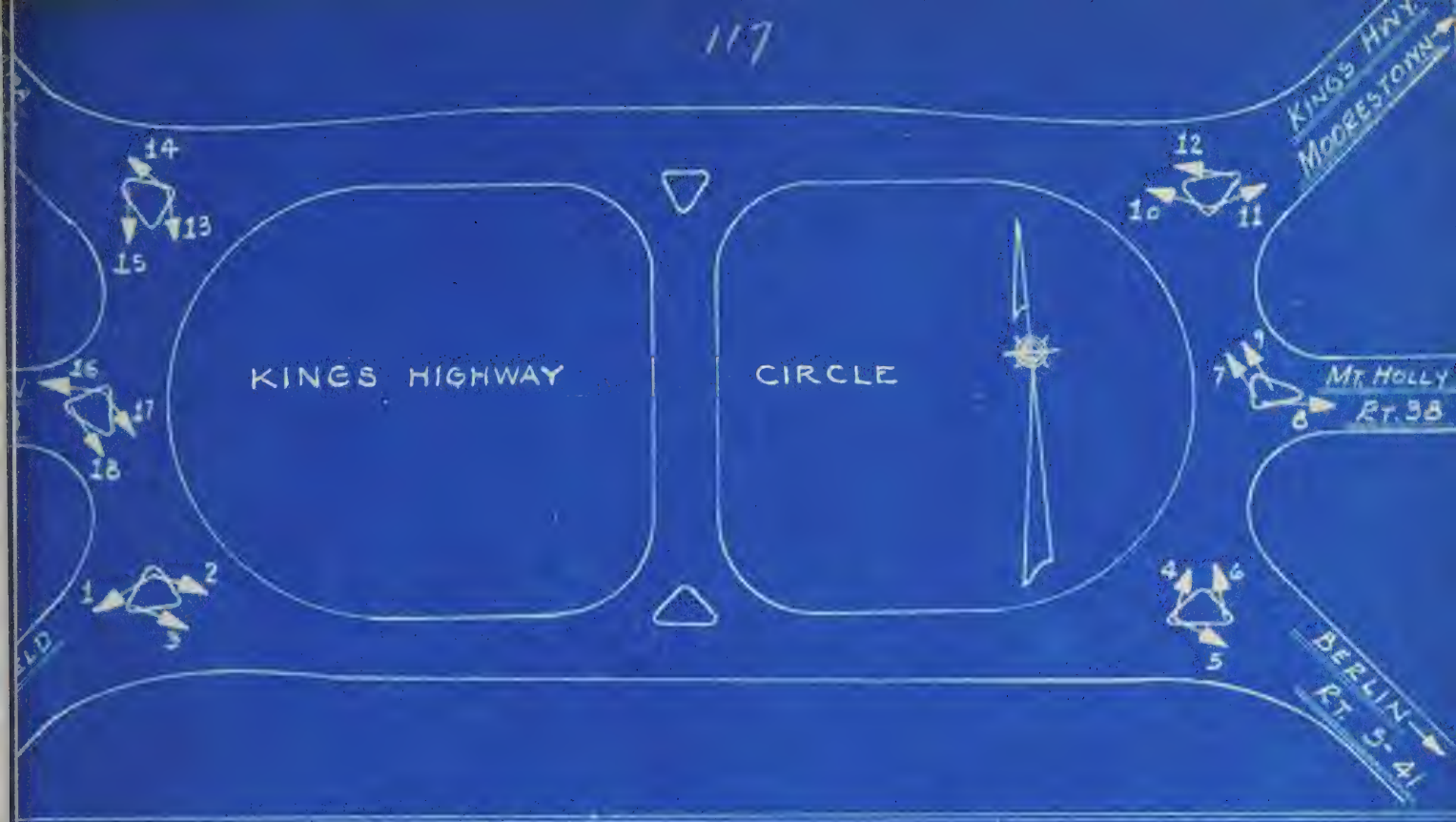
	No.		No.	
KEEP TO RIGHT → ONE WAY TRAFFIC 2'X4' 1-2-3-4-5-6	14RH 15LH	BELMAR 64 ASBURY PARK 67 LONG BRANCH 73 → 2'X4' 14-15	21RH	MERCHANTVILLE 1 → 1'X4' 21
MOORESTOWN 7 MT. HOLLY 16 PEMBERTON 21 ← 2X4 7-8-9-10	16RH 17LH 18LH 19LH	CAMDEN PHILADELPHIA BRIDGE 3 → 2'X4' 16-17-18-19		
MEDFORD 14 LAKEHURST 44 LAKEWOOD 53 MANAHAWKIN 50 → 2'-6"X4' 11-12-13	20RH	PALMYRA 6 BURLINGTON 14 TRENTON 31 → 2'X4' 20		

SIGNS IN SERVICE 5-30-41

ROUTES 38 & 40

BROWNING ROAD CIRCLE

JOB No. 3813



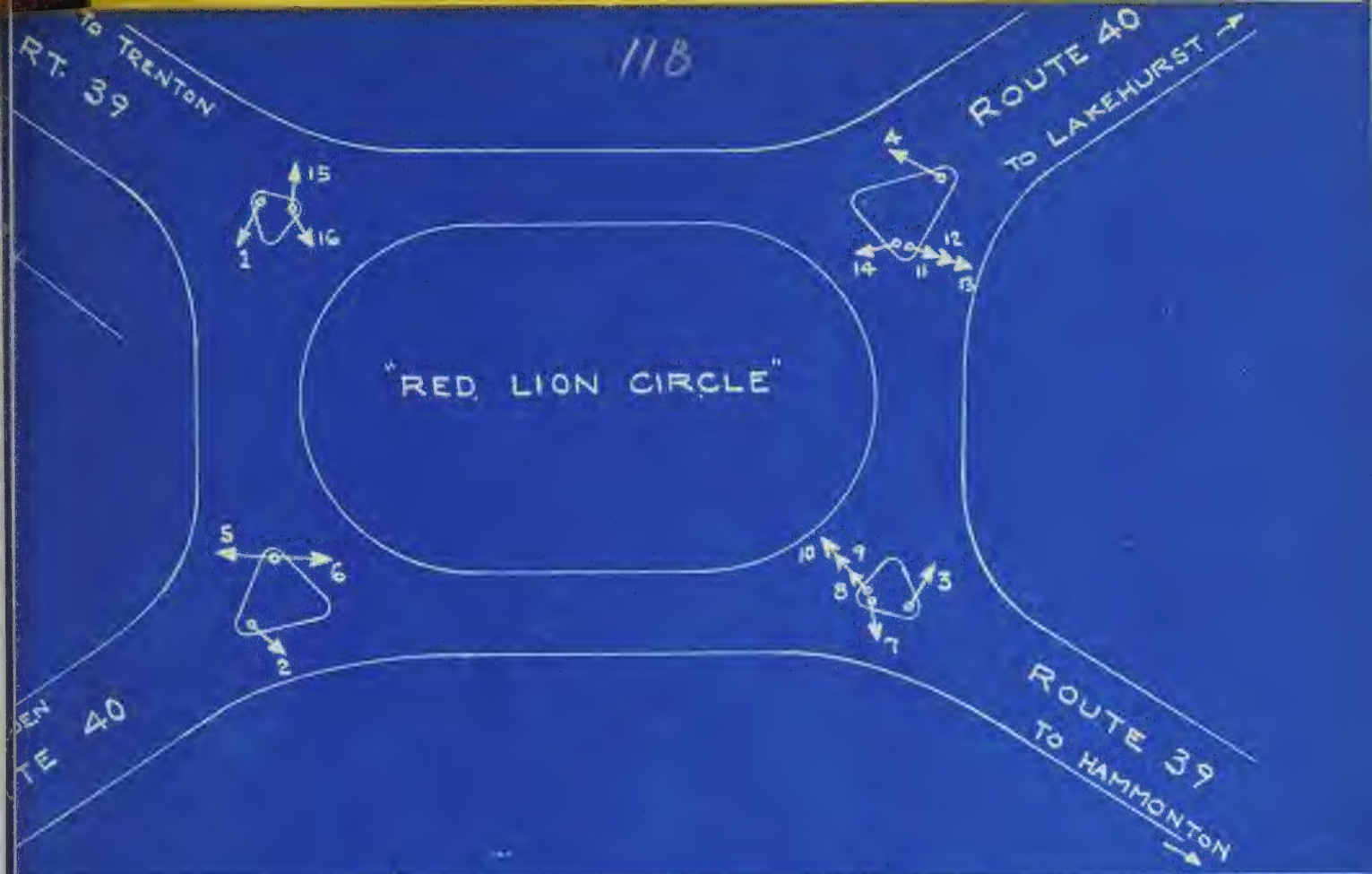
	No.	
ELLISBURG 3 HADDONFIELD 4 WESTVILLE 9 2' x 4' 1-17	10LH 14RH	TACONY PALMYRA BRIDGE 6 2' x 4' 10-14
MARLTON 4 BERLIN 11 ATLANTIC CITY 54 2' x 4' 2-5	13LH 16RH	CAMDEN PHILADELPHIA BRIDGE 8 2' x 4' 13-16
KEEP TO RIGHT ONE WAY TRAFFIC 2' x 4' 3-6-9-12-15-16		
MT. HOLLY 11 PEMBERTON 16 FORT DIX 21 2' x 4' 4-8		
MOORESTOWN 2 BRIDGEBORO 7 BURLINGTON 12 2' x 4' 7-11		

SIGNS IN SERVICE 6-20-41

ROUTES 38-41 & S-41

KINGS HIGHWAY CIRCLE

JOB NO. 3814



	No.	
KEEP TO RIGHT ONE WAY TRAFFIC 2' x 4' 1-2-3-4	9 L.H. 12 R.H.	MANAHAWKIN 32 BEACH HAVEN 44 2' x 4' 9-12
MEDFORD 4 MARLTON 10 CAMDEN 21 PHILADELPHIA 22 2'-6" x 4' 5-16	10 L.H. 13 R.H.	BELMAR 46 ASBURY PARK 49 LONG BRANCH 55 2' x 4' 10-13
ATSION 10 HAMMONTON 18 ATLANTIC CITY 47 2' x 4' 6-7	14 L.H. 15 R.H.	COLUMBUS 13 TRENTON 26 NEW YORK 81 2' x 4' 14-15
LAKEHURST 26 TOMS RIVER 33 LAKEWOOD 35 2' x 4' 8-11		

SIGNS IN SERVICE - 9-25-41

ROUTES 39 & 40

RED LION

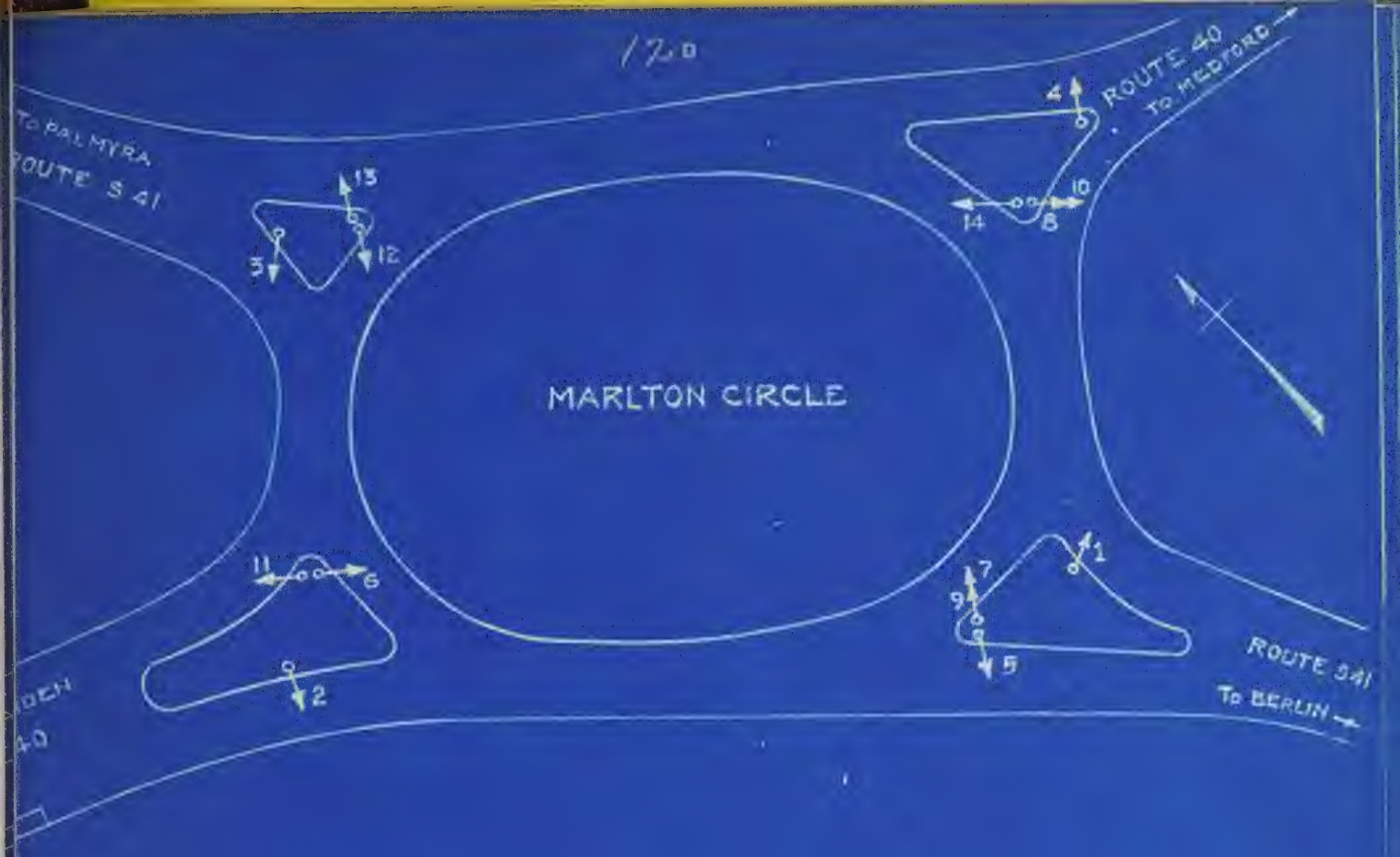
JOB No. 3913

	No.		No.	
KEEP TO RIGHT ONE WAY TRAFFIC 2'x4' 1-2-3-4-5	11RH 12LH	TOMS RIVER 9 ATLANTIC CITY 67 1½'x4' 11-12	19RH	PT. PLEASANT 5 BAY HEAD 6 2'x4' 19
PT. PLEASANT 5 BELMAR 10 ASBURY PARK 13 NEW YORK 64 2½'x4' 6-7	13RH 14LH	LAKEWOOD 5 ALLENTOWN 27 TRENTON 37 2'x4' 13-14		
METEDECONK 3 BAY HEAD 6 1½'x4' 8	15RH 16LH	BRIELLE 6 MANASQUAN 7 SEA GIRT 7 2'x4' 15-16		
LAKEHURST 11 CAMDEN 58 PHILADELPHIA 59 2'x4' 9-10	17RH 18LH	BELMAR 10 ASBURY PARK 13 NEW YORK 64 2'x4' 17-18		

ROUTES 34-35-40

LAURELTON TRAFFIC CIRCLE

JOB No. 4006



SCALE 1"=100'

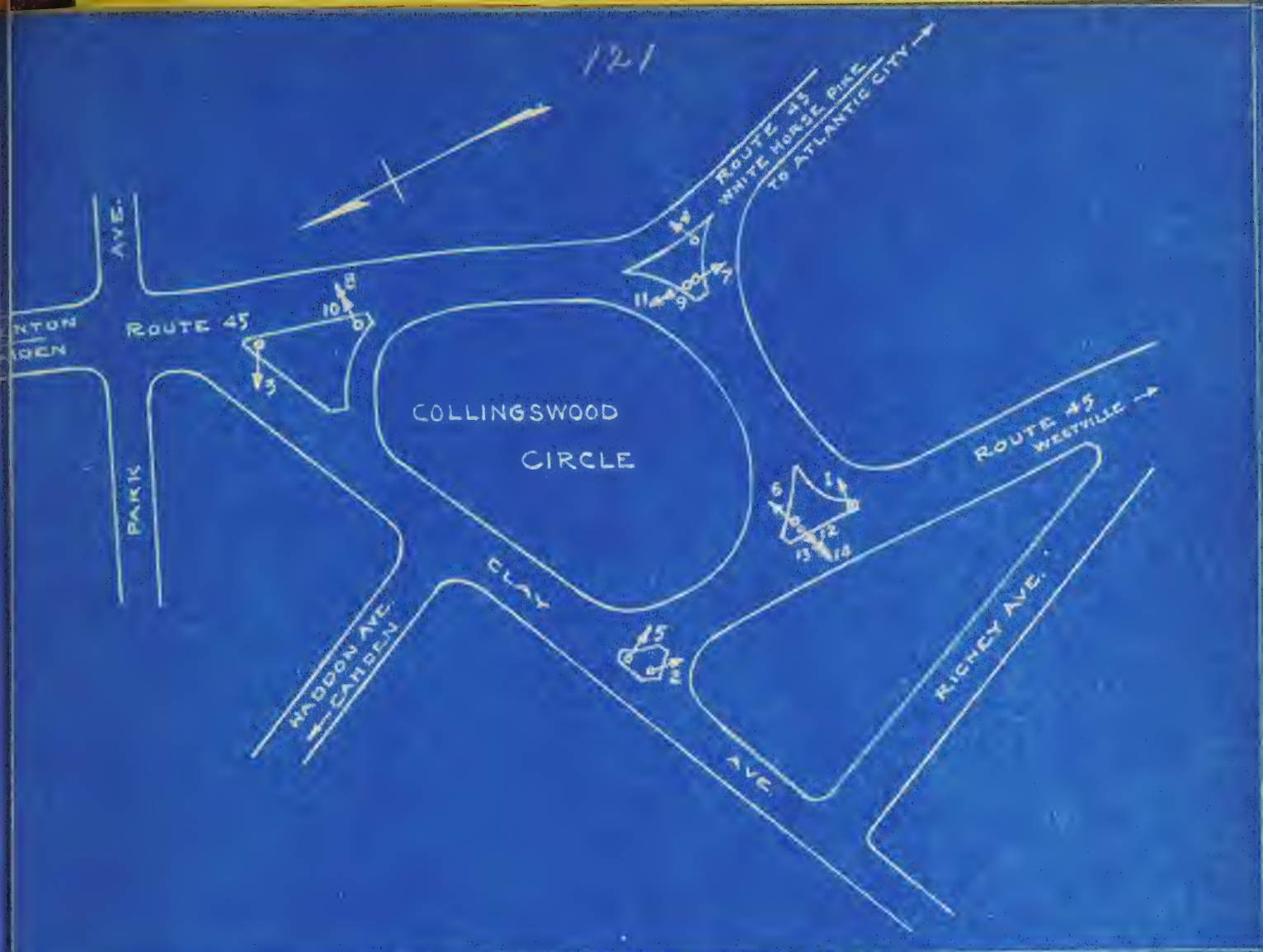
	No.		No.	
KEEP TO RIGHT ONE WAY TRAFFIC 2'X4' 1-2-3-4	9 LH 10 RH	BELMAR 56 ASBURY PARK 59 LONG BRANCH 65 2'X4' 9-10	13 RH 14 LH	TACONY- PALMYRA BRIDGE 10 2'X4' 13-14
MARLTON 0 BERLIN 7 ATLANTIC CITY 50 2'X4' 5-6	11 RH 12 LH	ELLISBURG 5 CAMDEN 11 PHILADELPHIA 12 2'X4' 11-12		
MEDFORD 6 LAKEHURST 36 MANAHAWKIN 42 LAKEWOOD 45 2'-6"X4' 7-8				

SIGNS IN SERVICE 9-3-41

ROUTES 40 & S41

MARLTON CIRCLE, EVESHAM TWP.

JOB No. 4010

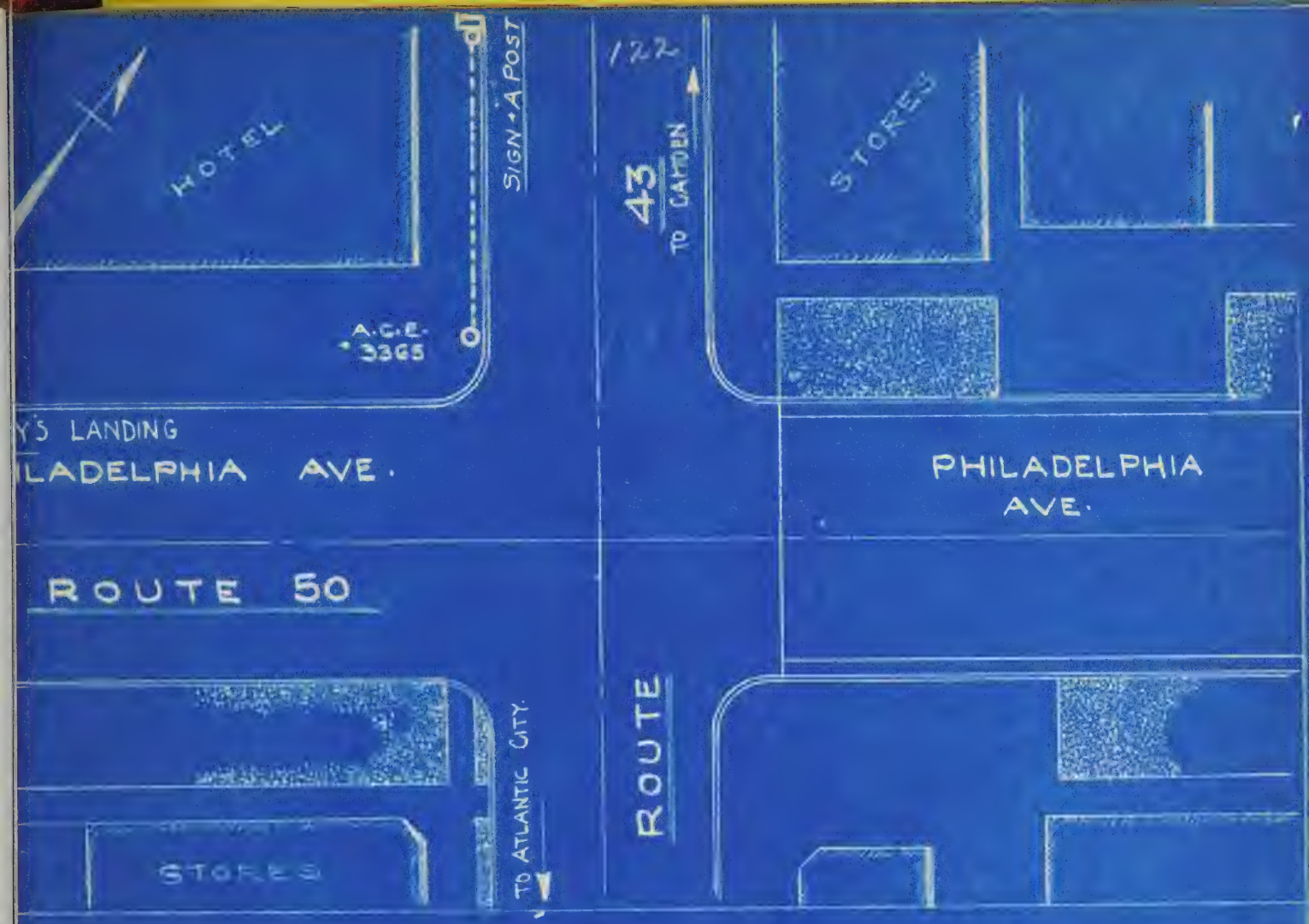


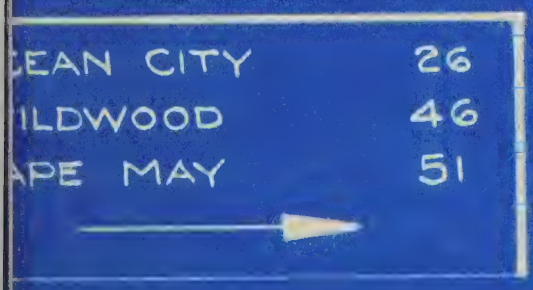
	No.		No.	
KEEP TO RIGHT ONE WAY TRAFFIC 2'x4' 1-2-3-4	8 RH 9 LH	BURLINGTON 16 TRENTON 34 NEW YORK 89 2'x4' 8-9	13 RH	SALEM 32 BRIDGETON 37 MILLVILLE 38 2'x4' 13
POINTS SOUTH 1'6"x4' 5	10 RH 11 LH	CAMDEN PHILADELPHIA BRIDGE 3 2'x4' 10-11	14 RH	BLACK HORSE PIKE ATLANTIC CITY 58 OCEAN CITY 59 WILDWOOD 78 2'-6"x4' 14
BERLIN 13 HAMMONTON 25 ATLANTIC CITY 55 2'x4' 6-7	12 RH	WESTVILLE 4 WOODBURY 6 PENNS GROVE 25 2'x4' 12		

ROUTES 43 & 45

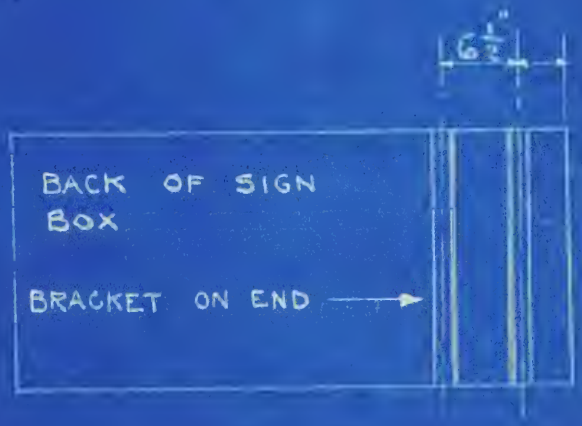
COLLINGSWOOD TRAFFIC CIRCLE

JOB NO. 4308





2'x4' SIGN BOX

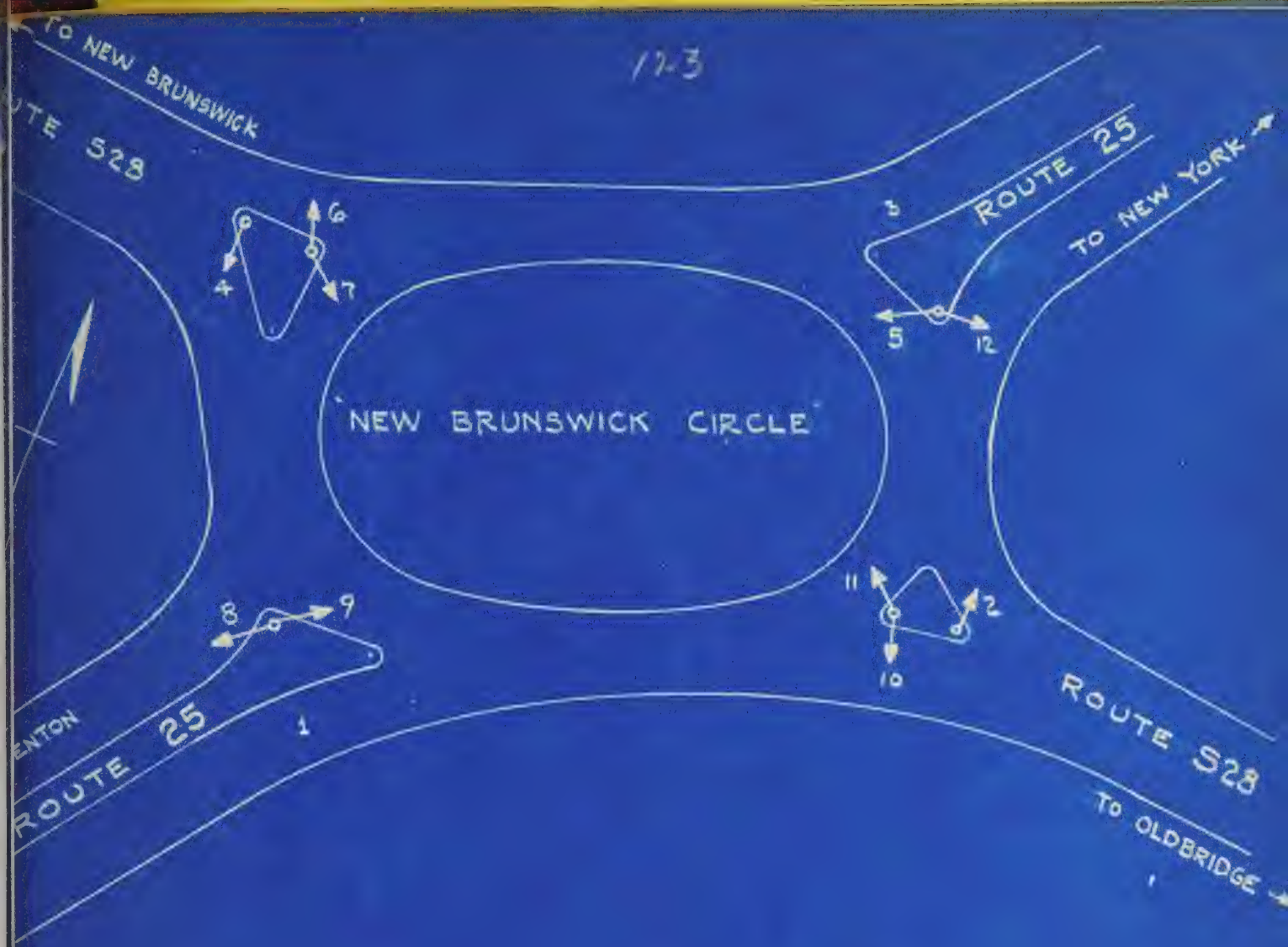


ROUTES - 43 & 50

PHILADELPHIA AVE & WHITE HORSE PIKE

EGG HARBOR CITY

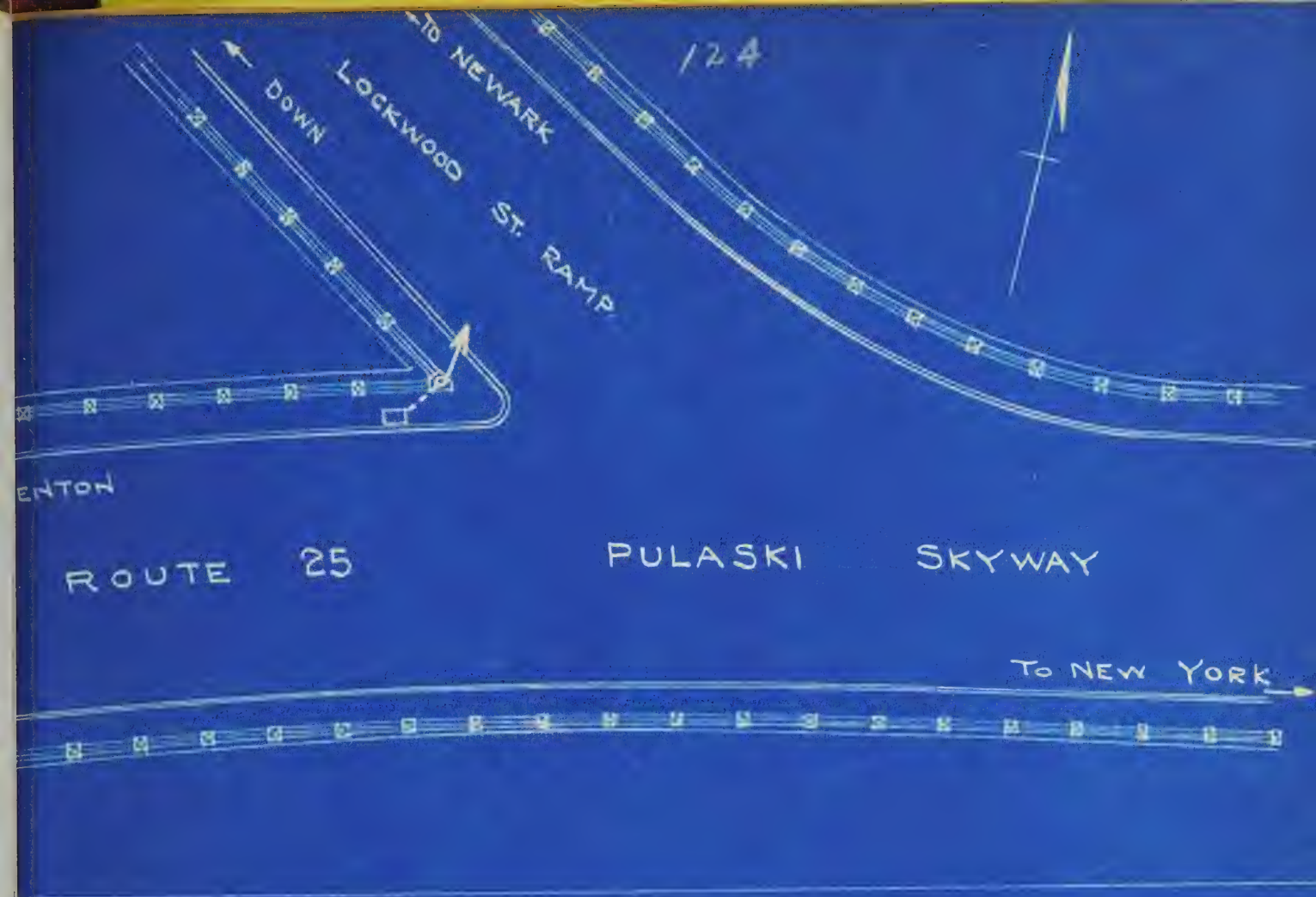
JOB NO. 4310



	No.	
KEEP TO RIGHT → ONE WAY TRAFFIC (1-2-3-4) 2' x 4'	9 L.H. 10 R.H.	SOUTH RIVER 4 MATAWAN 13 FREEHOLD 18 SHORE POINTS ← (9-10) 2'-6" x 4'
NEW BRUNSWICK 2 BOUND BROOK 8 SOMERVILLE 13 ← (5-6) 2' x 4'	11 L.H. 12 R.H.	RAHWAY 12 NEWARK 22 JERSEY CITY 28 NEW YORK 31 ← (11-12) 2'-6" x 4'
TRENTON 26 CAMDEN 58 PHILADELPHIA 59 ← (7-8) 2' x 4'		

ROUTES 25 & 528
NEW BRUNSWICK CIRCL

JOB No. 6002



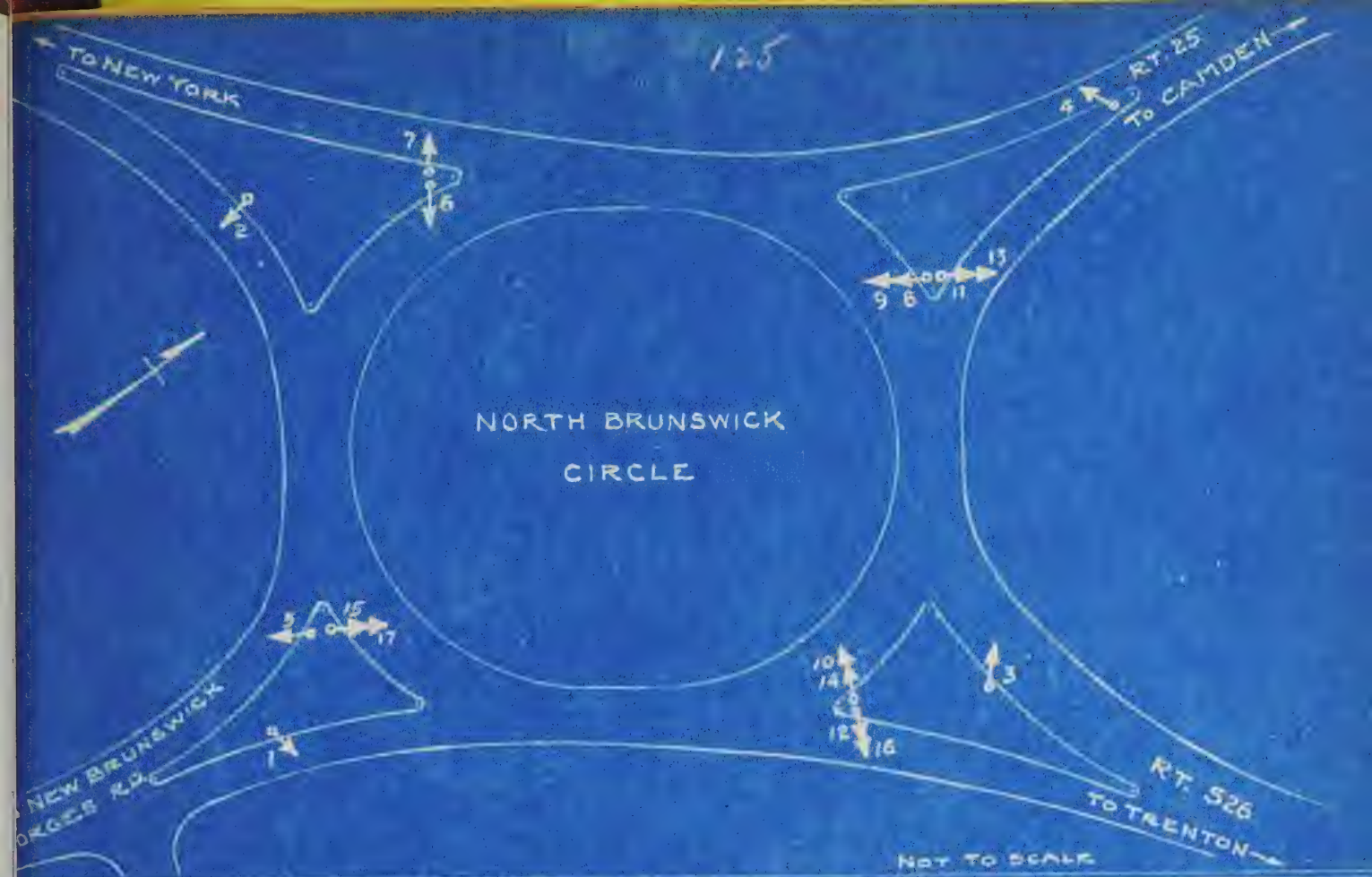
NOTE:
THIS SIGN MOUNTED ON
LAMP POST G68

NEWARK	2
THE ORANGES	
MONTCLAIR	8

1'-6" x 3'

ROUTE 25
LOCKWOOD ST. RAMP
PULASKI SKYWAY

JOB No. 7505



	No.	
KEEP TO RIGHT ONE WAY TRAFFIC 2'X4' 1-2-3-4	16 RH 17 LH	PRINCETON 15 TRENTON 24 PHILADELPHIA 57 2X4 16-17
NEW BRUNSWICK 3 HIGH PARK 4 BOUND BROOK 9 2'X4' 5-6	9 LH 12 RH	N.J. RT. 26 U.S. RT. 1 2'X4' LARGE LETTERS 9-12
RAHWAY 15 ELIZABETH 19 NEWARK 25 NEW YORK 34 2'8"X4' 7-8		
N.J. RT. 25 U.S. RT. 130 10-11 2'X4' LARGE LETTERS		
HIGHTSTOWN 15 BORDENTOWN 29 CAMDEN 56 2'X4' 13-14-15		

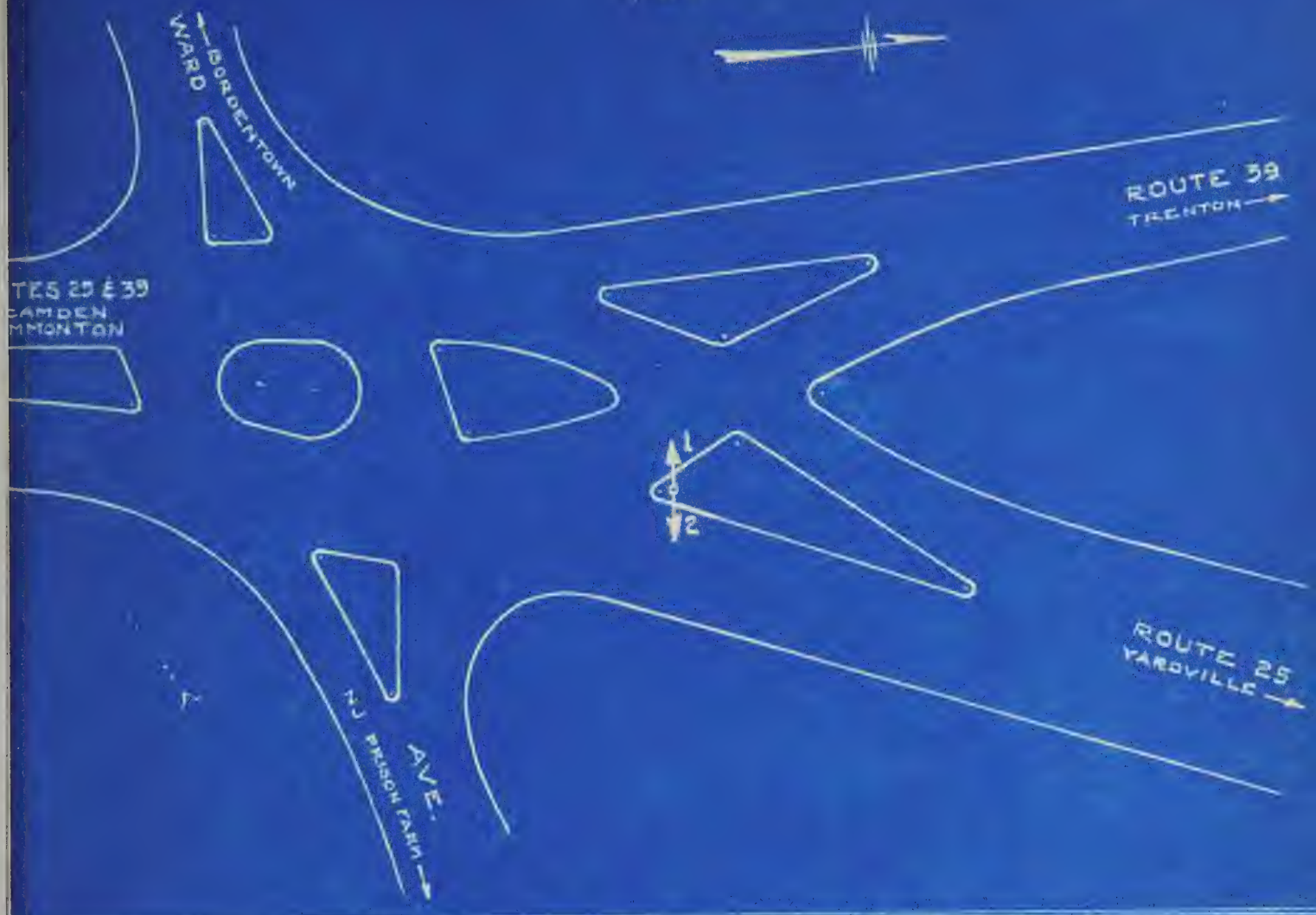
SIGNS IN SERVICE 9-5-41

ROUTES 25 & 526

NORTH BRUNSWICK TWP. CIRCLE

JOB NO. 7512

126



WHITE HORSE	3
TRENTON	7
PRINCETON	18

2'X4'

1

HIGHTSTOWN	13
NEW BRUNSWICK	32
NEW YORK	63

2'X4'

2

SIGNS IN SERVICE 9-5-41

ROUTES 25 & 39

JUNCTION AT WARD AVE. BORDENTOW

JOB No. 7515

	No.		
BURLINGTON 10 BRIDGEBORO 15 CAMDEN 27 PHILADELPHIA 28 → 2'-6"x4' 1	3LH	HAMMONTON 36 ATLANTIC CITY 65 ← 2'x4' 3	
COLUMBUS 5 FORT DIX 10 MT. HOLLY 12 ← 2'x4' 2			

SIGNS IN SERVICE 10-14-4

ROUTES 25 & 39

JUNCTION SOUTH OF BUTTS AVE. BORDENTO

JOB No. 7516

NEW JERSEY STATE HIGHWAY DEPARTMENT

ELECTRICAL DIVISION 1941 ANNUAL REPORT

INDEX

ANNUAL REPORT

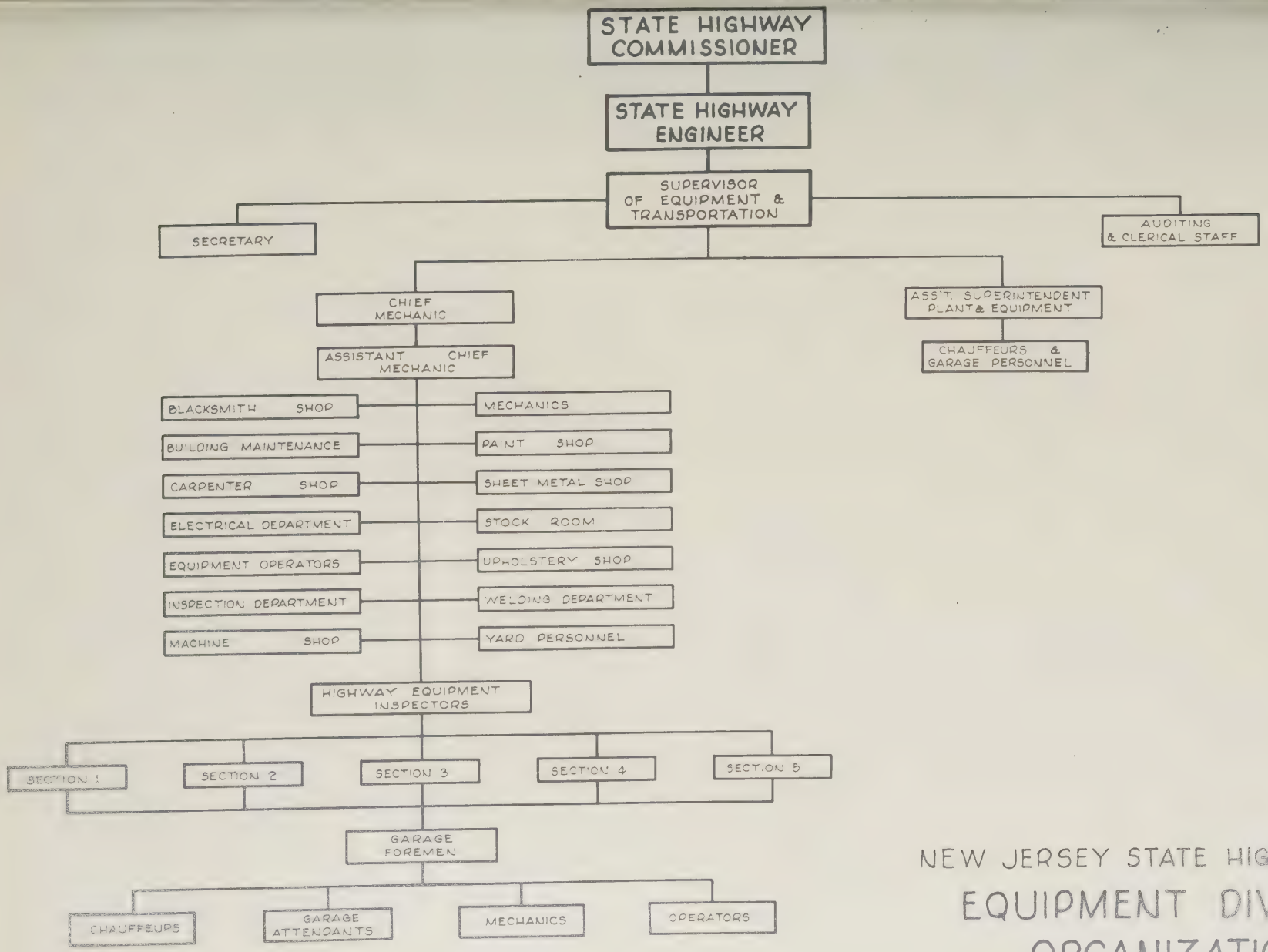
OF THE

DIVISION OF PLANT AND EQUIPMENT

NEW JERSEY STATE HIGHWAY DEPARTMENT

FOR THE YEAR

1941



NEW JERSEY STATE HIGHWAY DEPT.

EQUIPMENT DIVISION ORGANIZATION

1941

STATE OF NEW JERSEY
STATE HIGHWAY DEPARTMENT
TRENTON

May 1, 1942.

Mr. James Logan,
State Highway Engineer,
State House Annex,
Trenton, N. J.

Dear Sir:

The attached represents a self-explanatory yearly report covering the activities engaged in by your Division of Plant & Equipment during the year 1941.

The writer wishes to express his appreciation to you and, through you, to the executives and personnel of the several divisions of the Highway Department whose generous and helpful cooperation aided immeasureably in the completion of this program.

Respectfully submitted,

Frank C. Young, Supervisor,
Equipment & Transportation

POLICIES & PRACTICES

Blinker Lights: The outstanding contribution in safety to equipment and personnel resulting from the previous installations of this valuable accessory, prompted its adoption as standard on all units assigned to snow removal operations and, all such units as may be regularly applied to emergencies entailing operation after dark.

Cinder (Sand) Spreaders, Motor Driven Type: The spreaders purchased in 1940 performed splendidly in overcoming slippery and icy conditions upon the highways, these were also applied, with most satisfactory results in oiling operations where they were used in the spreading of sand. This type however, were driven by power received from their own wheel traction as they were towed behind a moving truck or vehicle, a baffled disc mounted upon a vertical shaft received the materials as they flowed from the truck, a spinning action spread it to and over the road surface. These proved to be the best device for the purpose the division has ever had. They had their limitations, at turns, circles and other points where slow speeds were imperative, duplication was necessary to get the desired results. To remedy this, during the year, additional spreaders were purchased which are powered with an easily controlled efficient air cooled motor capable of meeting present requirements in volume and scope.

Coordination in the War Effort: Already the division has been making its resources available in emergencies to State & Local Defense Councils, distributing materials, transportation of executives, air wardens, etc. It has also bolstered to a much greater degree, the reserve margin of avialable air power with the purchase of additional compressors (later to be mounted on light fast trucks), air driven safety power saws and woodborers, pile drivers and caps for use with present crane equipment, acetylene flood type lights and a multiplicity of minor items in anticipation of any emergency resulting from enemy efforts or, its application to any assignment aiding the successful prosecution of the war. Based upon plans for and designed to operate independent of other than its own power, its flexibility, capacity and mobility should contribute valuable assistance should the occasion demand.

In accordance with requests of the executives charged with responsibilities of the national war effort, instructions have been issued to the division emphasizing the tremendous importance of the issue and encouraging the personnel to put forth every effort possible to cooperate to the very utmost in assisting our Government. In these instructions, precise formulas are set forth for the economical operation of equipment to prevent waste in fuel, oil, tires, excessive maintenance and replacement. Insofar as it is practicable with good business practice, a campaign of most rigid economy is being vigorously maintained to release to and for this effort every possible item feasible.

Also, in cooperation with the New Jersey State Police, the division has transportation available for the needs in excess beyond their own capacity; to date, much has already been accomplished in transporting and setting up the booths utilized in line with their respective endeavors.

Snow Removal Activities: The purchase of additional Mack Trucks during the year, placed the division in a position to assign many on these efficient trucks to this program enabling the replacement of many of the slower solid type, and which added tremendous capacity and scope to the operation. In addition, many new plows equipped with higher moldboards and features contributing to higher performance, were secured and applied to these units, combined with the hydraulic equipment for control of blades, etc. will enable the disposition of this important demand with far greater ease and dispatch. It might also be stated, this now places the division with a sufficient quantity to provide hydraulic equipment to all units and with the more modern trucks much is added to the comfort, safety and health of the operating personnel.

Supplemental Fuel Distribution: This activity is separate and apart from the regular program carried on by the division through its key stations. Designed originally to expedite heavy demands without large time loss, the potential possibilities became most apparent and, tanks are now added wherever the opportunity exists to render commensurate savings to the Department. With two of the principle activities completed previous to the start of the year, savings of approx. $ 5,187.32 in gas and $ 1,296.83 in oil were instituted in this program. This has been possible without any additional cost and, likewise, it has reflected most favorably in convenience and the time element saved.

Tar Kettles (Oil Burning Type): The performance of this unit in service has been so outstanding that, as soon as the older wood-burning type become obsolete, they will be replaced with this type. The speed with which these units can be put into operation plus, added mobility and freedom from the danger of sparks and ashes is definitely convincing and prompt their adoption as standard practice for the future.

ADDITIONS TO FERNWOOD EQUIPMENT

Bolt Cutter: This unit arrived late in the previous year, it was not until the current period that its value was really apparent. Heretofore, this operation was performed manually, and the demand covered a wide variety of application which required an extension of small tools and a considerable volume of labor. This new unit enables the Department to cut all of the new bolts required in a fraction of the time formerly required and the rapid chasing of the threads on old ones making them available for further service and added economy in expenditure and valuable material.

Keyseater: The purchase of this machine has meant a great deal to the efficiency of the machine shop. It has a capacity of 1/8" to 1-1/4" and is adaptable for any type and kind of work. Formerly, according to the type of requirement this work was accomplished with the use of laths, shaper, etc. now, with this accurate all this effort is bypassed and accomplished with a minimum of time and effort.

Exhaustilizer (Englehard): Scientifically constructed to analyze as nearly as is possible all of the elements present in the operation of combustion engines, this unit has been added to the complement of the shop to remove as far as is possible anything which might contribute in any other way but accurate analysis of the every condition present in the diagnosis of imperfect or faulty operation. In this manner a much quicker and comprehensive picture is secured enabling the operator to prescribe the repairs, replacements or adjustments necessary for the correction of the respective condition.

Fire & Bomb Protection: As a precautionary measure, a number of additional carbon tetrachloride fire extinguishers have been added to, and distributed in strategic positions throughout the plant to care for any unusual situations that may arise. In addition, combination units consisting of barrels filled with sand have been allocated in numerous convenient stations about the premises, each is provided with a cover which also acts as a holder for and contains a long handled shovel for immediate use if the occasion is presented.

Grounds: The landscaping program commenced in 1940 at Fernwood has completely transformed the appearance of the tract. Shrubs and trees added at that time are thriving, the flowering varieties now present a striking picture contrasting against a background of green lawn, darker evergreens and oaks, to this a new flagpole has also been added. The driveways between the several buildings and the parking lot have all been treated with Amiesite, this contributes greatly towards rounding out the physical property, provides against continued upkeep, extends outside storage facilities and, greater convenience in many ways.

Tire Dolly: The difficulties presented in the change of the larger sized tires plus, the physical hazards also involved in their manual application, especially on the heavier and dual equipped units, prompted the purchase of this unique, efficient accessary. Its construction is similar to a small hand truck, it is provided with an open end which receives the tire which, in turn is wheeled up to and applied to the axle of the vehicle through the operation of a device to raise and lower the tire in accordance with the required heigth.

ORGANIZATION

The foregoing chart outlines the function of the Plant and Equipment Division.

Fernwood: This central station continues as the key unit, it serves as the clearing house for assignments of every character, it also doubles as the Section Base of Section No. 2.

Section No. 1.

Newark Garage: The shakedown period following the taking over of this new building having been passed through in the latter part of 1940, this modern, efficient station is rendering a fine performance as the headquarters of this section. The work being completed at this point reflects the convenience of its location as is also the volume of gas and oil distributed, a factor in additional economy.

Dover Garage: Caring for the Northwesterly section of the State, under Newark, increasing demands are being met with efficiency and dispatch. Added contributions are being made to economy through the wide distribution of oil and gas, these represent appreciable savings to the Department.

Singac Garage: Increasing familiarity with the possibilities in accomodations, is attracting considerable transient storage to this point, by units operating temporarily in the area. This item in the aggregate represents an appreciable item, over the yearly period.

Section No. 2.

Fernwood Station: Continuing the former practice, Fernwood functions as the headquarters for this section with Dallessio's Garage at Somerville, Hilltop Garage at Woodbridge and Keyport Lumber Co. Garage at Cliffwood operating in their respective areas under Fernwood. These, hereinafter will be referred to as Somerville, Woodbridge and Cliffwood Garages.

Somerville Garage: The trial practice of retaining a mechanic at specified hours each day has proven of such success, it is now adopted as standard, this provides for the servicing and greasing of the vehicles operating in this area with greater facility and economy than, upon the road, as formerly. The storage demand at this point have grown to large proportions.

Woodbridge Garage: A survey of this locale revealed, the possibilities of, contralizing a number of pieces of equipment at a point which would afford the opportunity of, closer supervision and service and, at the same time pick up approximately $ 50.00 per month in rental savings. In accordance with the foregoing possibilities, Hilltop Garage was leased in its entirety (building 47' x 59' - 2773 Sq. Ft.) permitting sufficient space for the storage of all the units regularly assigned this area and for some transient also, lot in the rear of the building approximately 30' x 59' available for outside storage. Heat is maintained during the severe weather, this makes it possible to conduct washing and all other programs throughout the year.

Cliffwood Garage: The disbursement of gas increased at this point to the extent it was found additional economies could be effected by the addition of oil. Through this activity the rental at this point is recaptured. It is estimated the saving to the Department amounted to $ 722.21 and approximately 25% of that amount in oil. Much of the servicing and greasing of equipment in the area is done at Cliffwood as facilities available assist definitely in the work.

Section No. 3.

Toms River Garage: While there remains a great deal to be desired through the lack of conveniences, space and location at this point however, despite this handicap, the requirements of the section are being efficiently handled. The practice of retaining a mechanic present during the working hours of the day is proving a big asset both in work performed and in the distribution of gas and oil. It is estimated the return on gas only, at Toms River amounted to $ 1,121.61 during 1941.

Henkin's Garage: The accelerated activity upon Route 40 by reason of the beautification program and its maintenance created additional demand for storage. Additional space was secured at Vincentown upon a per unit basis, this location is amenable to operations of every character in the area. Also, at this point and for the remainder of the heavy demand period has been placed a portable 1000 gallon gas tank from which is issued the requirements for the units employed, this practice yeilded savings of approximately $ 486.06 to the Department.

Hammonton Garage: In its present condition, this garage represents a distinct liability to the division. The building (sheet steel) has deteriorated to the point that the question of storage of equipment in the building is out of the picture. As to repairs, there seemes to be nothing left to improve.

Section No. 4.

Vineland Garage: The splendid physical and mechanical equipment at this point contributes greatly towards caring for the section requirements. The efficiency possible with these facilities plus the comparative ease with which it is possible under such ideal conditions, reflects most favorably as an aid to the maintenance of the equipment and likewise, to the personnel working under these conditions. Accomodations are made for all the equipment, permanent and transient, assigned to the area, for storage upon the premises. In addition, the large, fenced lot in the rear of the building is utilized by the Maintenance Division for storage of all types of materials.

Section No. 5.

Merchantville Garage: The task of securing an alternative location in this vicinity especially, in view of the apparent demand for sites by those engaged in the manufacture of items for the government, developed the need for assurance of freedom from competition for this location. In accordance, the division was successful in completing arrangements whereby the lease has been extended to cover three additional years to begin February 1, 1942, on both this and the Ganley property (next door) which is necessary in caring for the storage requirements. This, it is felt, will give the necessary protection against being required to revamp this whole setup at such an important period.

WORK EXECUTED

In addition to the regular routine program, service and upkeep of all assigned equipment, the division, completed 883 separate assignments of a major character. Of these, 265 represented Outside Work Orders, covering 302 items completed for agencies outside the division proper.

The following resume is an outline of the character of the work including the agency for whom it was executed:

Delaware River Joint Toll Bridge Commission - 1 Order.

Civil Service Commission - 1 Order.

Highway Department, Accounting Division - 3 Orders.

Department of Conservation & Development - 1 Order.

Department of Institutions & Agencies - 1 Order.

Highway Department, Electrical Division - 99 Orders.

Highway Department, Laboratory - 18 Orders.

Highway Department, Maintenance Division - 138 Orders.

Highway Department, Division of Survey & Plans - 15 Orders.

Highway Department, Division of Purchase & Stores - 14 Orders.

N. Y. A. (Federal Agency) - 4 Orders.

State of New Jersey, Administration - 4 Orders.

ROAD CONSTRUCTION, MAINTENANCE & REPAIR ACTIVITIES

In addition to the foregoing, the following represents a roster of assignments for which schedules of equipment and personnel were applied in varying amounts and character:

Annandale Reformatory
Bordentown State Prison Farm
Bridgeton River Emergency
Camden Armory
Clinton Reformatory

Cheesequake Park
Elizabeth Armory
Four Mile Colony
Glassboro Teachers College
Glen Gardner Sanatorium

Greystone Park
Hacklebarney Park
High Point Park
Jamesburg Boy's School
Marlboro State Hospital

Menlo Park
Mt. Holly Motor Vehicle Testing Station
N. Y. A. Agency (Fill)
Palisades Park
Red Bank Armory

Ringwood Park
Route 4 & S-40, Manahawkin, Traffic Hazard Elimination.
Route 4 & 43, Absecon, Traffic Hazard Elimination.
Route 36, Atlantic Highlands, Traffic Hazard Elimination.
Route 25, Windsor, Centre Island & Curb Installation.

Route 40, Rockefeller Beautification Project.
Route S-41, Berlin, Circle & Island Construction.
Route 54, Buena-Folsom, Widening Program.

Rutgers University
Seagirt National Guard Camp
Skillman Village
Statewide Oiling & Sanding Programs
Totowa Training School

Trenton Memorial Building
Trenton Armory
Trenton State Hospital
Trenton Teachers College
Tuckahoe Flood Emergency

Vineland Armory

EQUIPMENT DISPOSED OF DURING 1941

No.	Type
2	1930 Chevrolet Motors
21	Mack Cargo Trucks
12	Riker Dump Trucks
1	Riker Dump Trucks with Spare Parts, (By Transfer to Vineland School)
1	Riker Dump Truck with Spare Parts, (By Transfer to Department Conservation & Developement)
2	Sand Spreaders (Hvaas)
56	Snow Plow Blades with Semi Circles & Push Frames
90	Snow Plow Lift Frames
5	Snow Plows (Model 21 A - "V" Plows)(Incomplete)
1	Water Cooler (Electric - Bubbler Type)

EQUIPMENT ACQUIRED BY THE DIVISION DURING 1941

No.	Type
1	Battery Charger (Tungar)
9	Buick Sedans
41	Chevrolet, 2 Door Coaches
24	Chevrolet, 1-1/2 Ton Dump Trucks
1	Chevrolet, 3/4 Ton Pickup
9	Chevrolet, 1/2 Ton Pickup
7	Chevrolet, 1-1/2 Ton Rack Body Trucks
6	Chevrolet, 4 Door Sedans
18	Chevrolet, Station Wagons
11	Cinder Spreaders with Shields
2	Concrete Mixers (Ransome - 3-1/2)
1	Cylinder Grinder (Sunnen)
2	Drop Hammers (Pile Drivers) with Pile Caps (For use with present crane equipment)
1	Exhaustilizer (Englehard)
10	Hydraulic Lifting Devices with Rams & Pumps (Snow Equipment)
1	Jack (10 Ton - Walker Hydraulic - A780)
1	Jack (Walker - Roll A Car - Hydraulic)
1	Keyseater (Grant- Elect. - Cap. 1/8" - 1-1/4")
1	Mower, Tractor Type (International "A")
12	Mowers, (Power Driven Lawn Type)
4	Lineograph Machines (Traffic Line Markers)
15	Mack - 2-1/2 Cu. Yd. Dump Trucks (Model E F)
1	Paint Spray Compressor
21	Safety Seats with Tail Gates (For use with Spreaders)
10	Sand Spreaders (Motor Driven - Butler - Model P)
2	Saws, ("Safety First" - Air Driver - B 12)
2	Timber Sawing Machines (Air Driven)
40	Snow Plows (Good Roads - E F Mack Type)
10	Snow Plows (Good Roads - 3' x 10' Long)
1	Speed Indicator (Electric)
45	Tar Kettles (Oil Burning Type)
1	Time Recorder (Electric)
4	Walters "Snow Fighters" Trucks (Fitted with 3-1/2 Cu. Yd. Dump Bodies)
3	Water Coolers (Electric)
1	Wheel Dolly

EQUIPMENT ON HAND, DECEMBER 31st, 1941

Passenger Cars	434
Trucks	376
Graders	72
Tractors	13
Mud Jacks	8
Mixers	35
Air Compressors	23
Miscellaneous Equipment	6
Water Wagons	5
Trailers	11
Mowers	150
Air Tools	80
Electric Hammer	1
Pumps	46
Tar Kettles	133
Rollers	13
Lime Spreaders	6
Sand Spreaders (Cinder)	150
Spray Outfits	12
Vibrators	7
Weigh Batchers	28
Rotary Screens	6
Snow Loaders	4
Sweepers	6
Power Buckets	7
Plows	8
Traffic Line Markers	17
Miscellaneous Equipment (No License Plates)	44
Snow Plows	553
Total - Road Equipment	2,254
Shop Equipment - All shops and garages.	377
Total - All Types.	2,631

ANNUAL REPORT

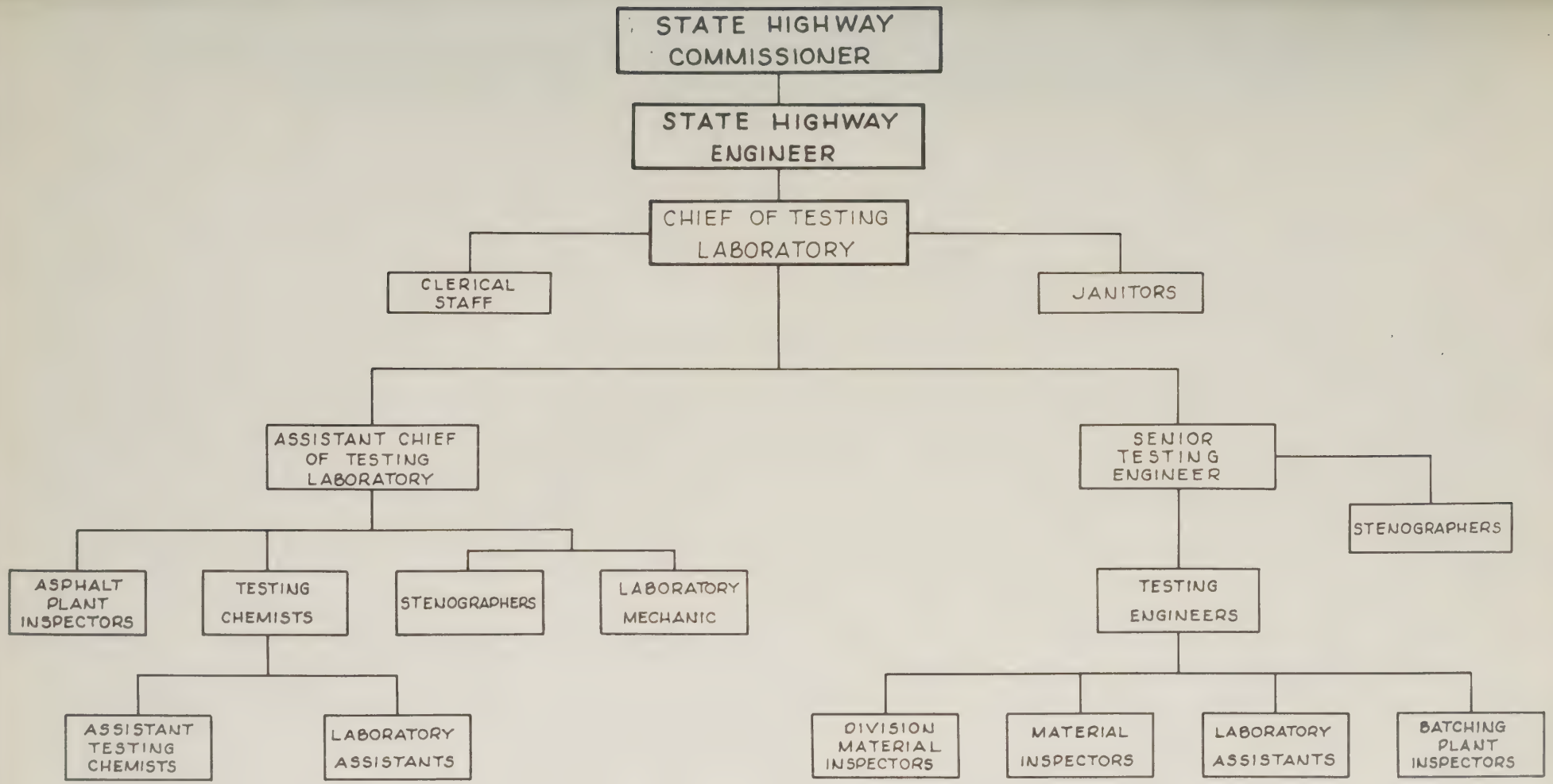
OF THE

LABORATORY DIVISION

NEW JERSEY STATE HIGHWAY DEPARTMENT

FOR THE YEAR

1941



NEW JERSEY STATE HIGHWAY DEPT.

LABORATORY ORGANIZATION

1941

ANNUAL REPORT - 1941

LABORATORY DIVISION - R. B. GAGE

In the annual report of the Laboratory Division for 1940, a serious effort was made to designate the general character of both bituminous and concrete pavements, and the materials used therein, as well as the manner in which they should be used to develope the physical and chemical properties desired or required. These properties were considered to be of such a character that they were more of a Laboratory function than a function of the Construction Division. In addition, examples were cited of the wearing properties and durability that could be expected from concrete pavements fabricated by the methods of construction that were in use at that time.

It has been realized for many years that the durability and general character of the concrete depends to a great extent upon the character of the cement used therein, as well as the consistency and workability of the concrete in which said cement is used, and each year has further demonstrated that the durability of the concrete is regulated and controlled by the quantity of mixing water used in its preparation.

In order to prove the correctness of such theories, numerous pavements constructed with different ingredients and consistencies of concrete have been carefully analyzed. Cores were taken from the concrete thus constructed, and the compressive strength determined thereon at a given age. There is little or no doubt that when these ingredients are of the proper character and satisfactorily blended, concrete having a compressive strength at 28-days of 6,000 pounds or more, where H=2D, can easily be secured, and is desirable.

It appears that many of the cement companies have built new laboratories and installed such equipment as will permit them to manufacture a cement that will have the chemical composition and physical properties needed to produce concrete that will have the desired compressive strength, when of the required composition and consistency.

Each year has shown additional evidence that the durability of concrete is regulated more by the use of the correct quantity of mixing water than by any other single factor, and where any of the various factors are neglected or improperly used, the durability of the concrete is seriously affected thereby. It is safe to assume that concrete having the desired density will also give the maximum amount of service, particularly when so fabricated as to have the required composition.

The experience and service that we have secured on certain pavements shows quite conclusively that improper drainage is a very serious detrimental factor. Where peeling, scaling and cracking occurs, it is safe to assume that the concrete either did not have the required composition, or else was not so constructed that the concrete would have the desired or required consistency.

The Laboratory has secured, and has been using an Autoclave apparatus that shows the relative durability of cement under pressure at a given temperature. It appears that all cements do not produce concrete having a relative given strength at a given age, and the variation in some cases has been of such a character that concrete of a given composition was below the standard required for this product.

A serious effort has also been made by the Laboratory to determine the relative damage done to concrete by the use of aggregates of different compositions and densities. The damage caused to concrete by the use of weathered or partly decomposed gravel pebbles has been given serious consideration, and to date it has been found that a small quantity of such pebbles does not cause any serious or permanent injury, except to the appearance of the concrete, and in bridge construction, the damage thus caused can easily be eliminated by the use of a trap rock aggregate in wing walls, etc.

The damage caused to concrete that was immersed in sea waters was also carefully studied, and a report made of the effect such sea waters had on the concrete in regard to durability and general service at different times of the year. The results thus secured show quite conclusively that the density and character of the concrete used in such structures is of the utmost importance.

A tabulation showing the quantity of the different materials tested by the Laboratory Division during 1941 is given hereinbelow.

QUANTITY OF MATERIALS
REPRESENTED BY SAMPLES TESTED *

1941

Asphalt Cements	1,015,078	gallons
Asphaltic Oils	1,928,502	"
Tars	490,169	"
Asphaltic Emulsions	144,475	"
Joint Fillers	196,883	"
Lignin Binder	792,357	"
Bituminous Pavements	946,305	sq. yds.
Bituminous Paving Mixture	32,650	tons
Portland Cements	649,400	bbls.
Cores Tested	2,055	
Sands, Bituminous	58,486	tons
Sands, Concrete	109,498	tons
Stone and Gravel	259,914	tons
White Traffic Zone Paint	48,755	gallons
White Lead Paint	3,665	"
Red Lead Paint	850	"
Graphite Paint	900	"
Tar Paint	500	"

* The above itemized list includes only the principal materials used in regular pavement and bridge construction.

AVERAGE COMPRESSIVE STRENGTH OF 6-INCH CORES TAKEN FROM

STATE AND STATE AID PAVEMENTS

1941

BRAND	NO. OF BINS TESTED	QUANTITY REPRESENTED (BARRELS)	AVERAGE COMPRESSIVE STRENGTH OF 28 to 32-DAY CORES	
			STATE HIGHWAY	STATE AID
Allentown	4	17018	6693	None
Alpha	3	31398	6319	None
Atlas Northampton	9	38847	6454	7778
Coplay	6	41170	6512	6981
Dragon	7	55702	6452	6136
Edison	6	97579	5670	5560
Giant	1	2195	None	5773
Hercules	7	33138	5816	6119
Keystone	4	17213	6885	* 8015
Lehigh	14	93428	6760	None
Lone Star	7	14163	6363	None
National	13	101372	5798	None
Nazareth	3	7984	7204	None
Penn-Dixie	13	58394	6388	6555
Whitehall	3	25251	5407	None

* "Plastiment" was used in some of this concrete.

Sheet #1

AVERAGE COMPRESSIVE STRENGTH SECURED ON 6-INCH CORES
TAKEN FROM
STATE HIGHWAY PAVEMENTS CONSTRUCTED IN 1941

JOB	CONTRACTOR	CEMENT	BIN NO.	SAND	COARSE AGGREGATE	BAGS PER BATCH	AVERAGE 28 to 32-DAY COMPRESSIVE STRENGTH: Regular Cores	AVERAGE 28 to 32-DAY COMPRESSIVE STRENGTH: Test Slab	
Rt. S-3, Sec. 1A	LeFera-Grecco	Lehigh	33-26-29	Consolidated Sd. & (Glacial) Se. Co.	Consolidated Sd. & (Trap Rock) Se.Co.	9	6902	6237	MF
			41			9	5916	6253	MF
		Edison	14 - D		34-E Mixer used	9	6057	6487	MF
		Alpha	10						
Rt. 4, Conn. to Somers Point Sec. 1	Monihan Cont. Co.	Keystone	41-42	Somers Point Sd. & (Quartz) Gl. Co.	Warner Company (Riv.Glac.Gl.)	7	7158	7754	MF
Rt. 4, Sec. 1B	C. F. Malanka	Lehigh	26-29-33	Seaboard Sd.& Gl.Co. (Quartz)	N.Y.Trap Rock Corp. (Dolomite)	7	7414	7009	MF
		Edison	14			7	6090	6336	MF
		Dragon	65			7	6766	6654	MF
		Penn-Dixie	19			7	7638	6844	MF
Rt. 4, Sec. 42A	Jannarone Cont. Co.	Nazareth	14	Dallenback Sd. Co. (Quartz)	Bound Brook Cr.Se.Co. (Trap Rock)	8	6712	6629	MF
		Dragon	68-74			8	6052	6472	MF
		Whitehall	17-11			7 & 8	5095	5914	MF
		Keystone	41-42			7	6849	7232	MF
		Atlas	36-38-69-			7	6088	5811	MF
		"	28						
Rt. 6, Sec. 8A & 8B	LeFera-Grecco	Penn-Dixie	27-11-13-	Consolidated Sd. & (Glacial) Se.Co.	Consolidated Sd. & (Trap Rock) Se.Co.	9	5564	5344	MF
		"	23-4-9			9	5920	6367	MF
		Edison	218-18		34-E Mixer used	9	6153	6235	MF
		Alpha	2C-10-5C			9	5719	5626	MF
		Whitehall	10-17			9	5591	5723	MF
		Lehigh	41-38A						

MF - Machine Finish

HF - Hand Finish

Sheet #2

AVERAGE COMPRESSIVE STRENGTH SECURED ON 6-INCH CORES
TAKEN FROM
STATE HIGHWAY PAVEMENTS CONSTRUCTED IN 1941

JOB	CONTRACTOR	CEMENT	BIN NO.	SAND	COARSE AGGREGATE	BAGS PER BATCH	AVERAGE 28 to 32-DAY COMPRESSIVE STRENGTH	
							Regular Cores	Test Slab
Rt. 6, Sec. 21A	Union Bldg. & Const. Co.	Hercules	31-10	Morris Co.Cr.Se.Co. Morris Plains (Glacial)	Morris Co.Cr.Se.Co. Morris Plains (Glacial Gl.)	7	5338	5211 MF
		"				7	-	5413 HF
		Edison	14			7	5463	5463 HF
		Saylor	11-6			7	6540	6405 HF
		Lone Star	A-F-E			7	5797	6667 HF
Rt. 23, Sec. 8B	Ell Dorer & Jannarone Cont. Co.	Edison	18	Hodgson Sd.& Gl.Co. (Glacial)	Hodgson Sd.& Gl.Co. (Glacial Gl.)	7	6157	6793 MF
		Atlas	54			7	6889	7140 MF
Rt. 23, Sec. 12E	Union Bldg. & Const. Co.	Lone Star	7	Consolidated Sd.& (Glacial) Se.Co.	Pompton Cr.Se.Co. (Gneiss)	7	6568	6919 HF
Rt. 25, Sec. 7B	Thos. Gallo	Edison	13	Seaboard Sd.&Gl.Co. (Quartz)	N.Y. Trap Rock Co. (Dolomite)	20	5051	4454 MF
		Allentown	A4-A3-D3			&	6187	7271 MF
		Hercules	106-302			27	6167 (Transit Mix)	5970 MF
Rt. 25, Sec. 33A	G. M. Brewster	National	15-12-10-13-9-19	Dallenback Sand Co. (Quartz)	Warner Company (Riv.Glac.Gl.) 34-E Mixer used	8	6111	6016 MF
		"				8	7695	7470 MF
		Nazareth	24					
Rt. 29, Sec. 2D	LeFera-Grecco	Penn-Dixie	9-5-14	Morris Co.Cr.Se.Co. Morris Plains (Glacial)	Commonwealth Quarry (Trap Rock) Co.	7	6251	5813 MF
		Alpha	10			7	6383	5896 HF
		Edison	D			7	5126	4518 MF
		Dragon	7-15-68-74			7	6103	5062 HF

MF - Machine Finish

HF - Hand Finish

Sheet #3

AVERAGE COMPRESSIVE STRENGTH SECURED ON 6-INCH CORES
TAKEN FROM
STATE HIGHWAY PAVEMENTS CONSTRUCTED IN 1941

JOB	CONTRACTOR	CEMENT	BIN NO.	SAND	COARSE AGGREGATE	BAGS PER BATCH	AVERAGE 28 to 32-DAY COMPRESSIVE STRENGTH: Regular Cores	AVERAGE 28 to 32-DAY COMPRESSIVE STRENGTH: Test Slab	
Rt. 29, Sec. 2E	Franklin Cont. Co.	Saylor	23-30	Morris Co.Cr.Se.Co. Morris Plains (Glacial)	Commonwealth Quarry Co. (Trap Rock)	7	6345	6608	
		Dragon	7-74			7	6215	6689	
		Hercules	102-105			7	6308	6652	
		Lehigh	33-30-69			7	6006	-	
Rt. 29, Sec. 6A	G. M. Brewster	National	9-12-13-15	United Sd.& Gl.Co. (Glacial)	Lambertville Quarry Co. (Trap Rock)	8	5485	6211	MF
Rt. 33-35, Conn. Sec. 1A & 2	Jannarone Cont. Co.	Atlas	54-38	Bennett & Schock (Quartz)	Bennett & Schock (Quartz Gl.)	7	6283	6655	MF
		Dragon	15			7	6725	5925	MF
		Allentown	A4			7	7017	-	MF
		Keystone	37			7	6648	6992	MF
		Edison	14			7	5756	5079	MF
Rt. 35-4N, Sec. 1	Jannarone Cont. Co.	Atlas	46-52	Bennett & Schock (Quartz)	Bennett & Schock (Quartz Gl.)	7	6957	6733	HF
Rt. 35-4N, Sec. 1A	Franklin Cont. Co.	Lehigh	26-27-29-33	Bennett & Schock (Quartz)	Bennett & Schock (Quartz Gl.)	8	-	6368	HF
						7	7057	7077	HF
Rt. 39, Sec. 1B & 10A	J.Nesto & Co.	Dragon	53	United Sd.&Gl.Co. (Glacial)	United Sd.& Gl.Co. (Glacial Gl.)	7	6849	7426	
		Lone Star	A-B-F			7	6725	6956	
		Saylor	23-6-12			7	6929	6490	
		Hercules	302			7	5014	-	
		Lehigh	26			7	6170	-	
		Edison	D			7	5051	5191	
		Allentown	D3			7	6636	-	

MF - Machine Finish

HF - Hand Finish

Sheet #4

AVERAGE COMPRESSIVE STRENGTH SECURED ON 6-INCH CORES
TAKEN FROM
STATE HIGHWAY PAVEMENTS CONSTRUCTED IN 1941

JOB	CONTRACTOR	CEMENT	BIN NO.	SAND	COARSE AGGREGATE	BAGS PER BATCH	AVERAGE 28 to 32-DAY COMPRESSIVE STRENGTH: Regular Cores	AVERAGE 28 to 32-DAY COMPRESSIVE STRENGTH: Test Slab
Rt. S-41, Sec. 3B & 4A	F.A. Canuso & Sons	Lehigh	53-55-38A	Atlantic States (Quartz) Const.Co.	Warren Sd.& Se.Co. (Glacial Gl.)	7	-	7849 MF
		(Bulk)	28B-41-30			7	7326	7614 MF
		"	29-46		Warner Company (Riv.Glac.Gl.)	7	-	7353 MF
		"		"		7	6865	7299 MF
Rt. 44, Sec. 10	S. J. Groves	Edison	18	Penn Jersey Sd.& (Quartz) Gl.Co.	Warner Company (Riv.Glac.Gl.)	8	6355	6380 MF
		"		"	"	7	5483	6173 MF
		Hercules	12		"	8	5710	6261 MF
		"		Wenonah Sd.& Gl.Co. (Quartz)		8	6361	- MF
		Allentown	A5			8	6933	7046 MF
		Alpha	5C-2C-10	Penn Jersey Sd.&Gl. (Quartz) Co.	"	8	6683	6398 MF
		Penn-Dixie	5-14			8	6101	5981 MF
		Lehigh	52-53	"	"	8	7089	6755 MF
		Allentown	A5	"		8	-	6557 MF
Cuthbert Road Ext., Camden Co. F.A.S. 23A (2)	F.A. Canuso & Sons	Lehigh	30-69-26	Norcross Bros. (Quartz)	Warner Company (Riv.Glac.Gl.)	7	7177	8092 MF
		"	27-33					
P.R.S.S. Lines, Br. & Approach Haddon Avenue, Berlin	Eisenberg Cont. Co.	Saylor	6-12	Commercial Sd. & (Quartz) Gl.Co.	Warner Company (Riv.Glac.Gl.)	7	6235	7216
		Atlas	28-29			7	6052	6763

MF - Machine Finish

HF - Hand Finish

1-9-42
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Sheet #1

AVERAGE COMPRESSIVE STRENGTH SECURED ON 6-INCH CORES
TAKEN FROM
STATE AID PAVEMENTS CONSTRUCTED IN 1941

JOB	CONTRACTOR	CEMENT	BIN NO.	SAND	COARSE AGGREGATE	BAGS PER BATCH	AVERAGE 28 to 32-DAY COMPRESSIVE STRENGTH: Regular Cores	AVERAGE 28 to 32-DAY COMPRESSIVE STRENGTH: Test Slab	
* Boyd Avenue, Hudson Co. Wide C-239	W.P.A. Forces	Atlas Hercules Giant	W.P.A. Stock "	Steers Sd.& Gl.Co. (Quartz)	N.Y.Trap Rock Co. (Trap Rock)	6 6 6	* 7778 * 6184 * 5773	* 5567 - -	HF HF HF
Broad Street, Washington	Korp & Korp	Edison	D-14	Warren Sd.& Se.Co. (Glacial)	Warren Sd.& Se.Co. (Glacial Gl.)	7	6291	5752	MF
Broad St. Ext. Washington	Korp & Korp	Edison	14	Warren Sd.& Se.Co. (Glacial)	Warren Sd.& Se.Co. (Glacial Gl.)	7	6100	-	MF
Broadway, North Bergen, M-408	N. J. Asphalt & Paving Co.	Edison Saylor Hercules Penn-Dixie	218-18 30 12 9	Seaboard Sd.& Gl.Co. (Quartz)	N.Y. Trap Rock Co. (Trap Rock)	7 7 7 7	5711 6981 6119 5699	5948 7669 6450 6107	MF MF MF MF
* Charlotte Ave. Hudson Co. C-239	W.P.A. Forces	Edison Hercules	W.P.A. Stock	Steers Sd.& Gl.Co. (Quartz)	N.Y. Trap Rock Co. (Trap Rock)	6 6	- * 5136	* 5801 * 5252	HF HF
Fifth Street, Secaucus	N. J. Asphalt & Paving Co.	Edison	D	Steers Sd.& Gl.Co. (Quartz)	N.Y. Trap Rock Co. (Trap Rock)	7	6657	6033	MF
* Harrison Ave. West Orange	Standard Bit. Co.	Edison	14	Great Notch Corp. (Glacial)	Orange Quarry Co. (Trap Rock)	6	* 5640	* 5401	HF
Maple Ave. Sec. 3, Merchantville	J. F. Lafferty	Edison Penn-Dixie	D 4-11	Warner Company (Riv.Glacial)	Warner Company (Riv.Glac.Gl.)	7 7	5591 6403	5650 6912	

* - Foundation Pavement
MF - Machine Finish
HF - Hand Finish

Sheet #2

AVERAGE COMPRESSIVE STRENGTH SECURED ON 6-INCH CORES
TAKEN FROM
STATE AID PAVEMENTS CONSTRUCTED IN 1941

JOB	CONTRACTOR	CEMENT	BIN NO.	SAND	COARSE AGGREGATE	BAGS PER BATCH	AVERAGE 28 to 32-DAY COMPRESSIVE STRENGTH Regular Cores	Test Slab	
Maple Street, Secaucus	N. J. Asphalt & Paving Co.	Penn-Dixie	11	Steers Sd.& Gl.Co. (Quartz)	N. Y. Trap Rock Co. (Trap Rock)	7	7247	7778	MF
Minnie Place, Secaucus	N. J. Asphalt & Paving Co.	Edison Keystone	14 42	Steers Sd.& Gl.Co. (Quartz)	N. Y. Trap Rock Co. (Trap Rock)	7 7	6194 7593	- 8318	MF MF
No. Union Ave. Hillside Twp. Union Co.	Warranty Pav. Co.	Penn-Dixie	11	Morris Co.Cr.Se.Co. Morris Plains (Glacial)	Commonwealth Quarry Co. (Trap Rock)	7 7	- 6625	5872 6161	HF MF
Ø Park Avenue, Section 1, W. New York	N. J. Asphalt & Paving Co.	Keystone Edison Penn-Dixie	42 14 19	Steers Sd.& Gl.Co. (Quartz)	N. Y. Trap Rock Co. (Trap Rock)	7 7 7	Ø 8437 Ø 6775 Ø 8211	Ø 7713 - Ø 7473	MF MF MF
Prospect Ave., Sec. 3, Dunellen	Road Const. Co.	Dragon	15	Dallenback Sand Co. (Quartz)	Bound Brook Cr.Se.Co. (Trap Rock)	7	6075	6339	MF
* 70th Street, Sec. 2, Guttenburg	Clinton Asphalt Co.	Penn-Dixie Edison Penn-Dixie (High Early)	13-23 D (Car Sample)	Steers Sd.& Gl.Co. (Quartz)	N.Y. Trap Rock Co. (Trap Rock)	6 6 6	* 5380 * 5194 * 7113	* 6276 - * 6660	HF HF HF
Sweetland Ave., Hillside Twp.	Petrozello Bros.	Dragon	68	Morris Co.Cr.Se.Co. Morris Plains (Glacial)	G. LePre Cr.Se.Co. (Trap Rock)	7	5744	6511	MF

Ø - 3.29 pounds of "Plastiment" used per batch.

* - Foundation Pavement.

MF - Machine Finish

HF - Hand Finish

Sheet #3

AVERAGE COMPRESSIVE STRENGTH SECURED ON 6-INCH CORES
TAKEN FROM
STATE AID PAVEMENTS CONSTRUCTED IN 1941

JOB	CONTRACTOR	CEMENT	BIN NO.	SAND	COARSE AGGREGATE	BAGS PER BATCH	AVERAGE 28 to 32-DAY COMPRESSIVE STRENGTH: Regular Cores	AVERAGE 28 to 32-DAY COMPRESSIVE STRENGTH: Test Slab	
Third Street, E.Newark Boro	Mazzoni Const. Co.	Edison Penn-Dixie	D 4	Steers Sd.& Gl.Co. (Quartz)	Orange Quarry Co. (Trap Rock)	27 27	5470 5143 (Transit Mix)	4419 4786	MF MF
Valley Road & Beachwood Ave., Roselle Park	L. DiFrancisco	Dragon	15	Morris Co.Cr.Se.Co. Morris Plains (Glacial)	Commonwealth Quarry (Trap Rock) Co.	7	6507	6369	MF
Vaux Hall Rd., Sec. 4, Union Twp., Union Co.	L. DiFrancisco	Dragon	15	Morris Co.Cr.Se.Co. Morris Plains (Glacial)	Commonwealth Quarry (Trap Rock) Co.	7	6841	6819	MF
Westfield Ave., Scotch Plains	Terrible Const. Co.	Dragon	15	Dallenback Sd.Co. (Quartz)	Fanwood Stone Cr. & Quarry Co. (Trap Rock)	7	5511	5701	MF

MF - Machine Finish

HF - Hand Finish

1-9-42
JK

ANNUAL REPORT

OF THE

WPA PROGRAM

NEW JERSEY STATE HIGHWAY DEPARTMENT

FOR THE YEAR

1941

ANNUAL REPORT

OF THE

W.P.A. PROGRAM

NEW JERSEY STATE HIGHWAY

DEPARTMENT

FOR THE YEAR

1 9 4 1

STATE OF NEW JERSEY
STATE HIGHWAY DEPARTMENT
TRENTON

State Highway-WPA Program
Project Proposals General
Yearly Report for Year 1941.

JAW:FAM.

January 1, 1942.

James Logan, State Highway Engineer
State House Annex
Trenton, New Jersey.

Dear Sir:-

The State Highway-W.P.A. Program has now completed its fourth calendar year of operation with a saving to the State for the maintenance of persons who would have been on relief of nearly $2,000,000, and the roads of the State have had incorporated in them Federal materials and equipment use to the value of $636,342 in addition to our sponsorship.

Ninety-eight (98) projects were completed; seventy-two (72) projects continued through to 1942, thirty-seven (37) of which are operating and thirty-five (35) suspended, and we have a reserve of forty (40) projects approved but not placed in operation.

The employment under this Program is now rapidly decreasing as is shown by the following:

YEAR	AVERAGE EMPLOYMENT
1938	8,756 workers
1939	11,148 "
1940	15,853 "
1941	7,062 "

The highest employment in 1941 was 14,632 on January 27, with a low of 3,168 on November 24.

During the same program period, the total W.P.A. employment in the State varied from a high of over 120,000 workers in 1938, to a low of 29,000 in 1941, but, at the present time, we have the highest percentage of the total W.P.A. workers we have ever had.

The entire basis of the W.P.A. operation changed during the past year, there having ceased to be an urgent need for the caring of relief clients who cannot obtain employment in industry. The present limitation is based on the Federal Appropriation for

W.P.A. nationally and on defense qualifications. In this State, one of the leading centers of defense manufacturing, the W.P.A. has not a sufficient quota of men to properly operate the projects that have defense rating and this Administration is using a great deal of labor-saving equipment.

Exclusive of W.P.A. Projects in Military and Naval Posts, the State Highway Department projects in general have greater defense value than the municipal projects and I anticipate that our percentage of the total W.P.A. employment will be materially increased in the coming year.

Defense projects in themselves are particularly economical to the State Highway Department as the limitations of 25% Sponsorship and 11% non-Labor Funds received from the Government do not apply to them and, in general, all costs of our defense projects are borne by the Federal Government with the exception of Engineering and Right-of-Way, which are absorbed by the State. In addition, all the work is being done on roads that in normal times would be up for improvement if the funds were available.

The field work of this office has materially increased in the past year, notwithstanding the fact that only ninety-eight (98) projects were completed in comparison with two hundred and three (203) projects in the previous year.

There is made part of this Report a Map of New Jersey showing the location of each project completed in 1941.

The projects completed in 1941 brought the State $7,967,460 W.P.A. funds, while the projects completed in the previous year brought the State $7,354,995. You will note that the average project completed in 1941, therefore, was over twice the size in Federal money value as that of 1940, and the getting of this money has naturally increased the duties of the Field Coordinators.

The State sponsorship on projects completed in 1941 was $4,362,822 and was an increase over that of 1940, which was $3,299,615. While this sponsorship shows an increase, the actual cash contribution of State Funds materially decreased.

There is made part of this Report a Chart which shows the complete financial history of the State Highway-W.P.A. Program from its inception to date based on W.P.A. 301 Forms.

The total W.P.A. Grants so far amount to $49,661,399 with projects completed and operating amounting to $47,679,180, and our total sponsorship on completed and operating projects to date is twenty-eight and five-tenths (28.5) percent.

The original allotments of W.P.A. funds to the State required a sponsorship of 20%. This requirement was increased to 25%. On defense projects, there is no percentage requirement. However, considering the basis on which the State originally approached the W.P.A. problem, which was 20% "maximum sponsorship," although the Federal law said "minimum" the over-all Program, I believe, has proved very economical.

I particularly call your attention to the fact that the total sponsorship in 1941 was twenty and four-tenths (20.4) percent, which is the lowest of any year of operation. This speaks particularly well for the activities of the Field Coordinators and for the cooperation we have received from W.P.A. officials in both the writing of the subsidiary projects and their operation.

There is a slight possibility that W.P.A. employment, State-wide, may increase during the coming year as the Press reports that a large number of people have lost private employment due to the curtailment of non-defense industries.

To care for this possibility, we now have forty (40) projects written up, which contain Federal Funds in the amount of $6,633,190, and there is uncompleted work on our operating and suspended projects to the value of $12,389,292 Federal allotment. These amounts would be capable of absorbing over 20,000 workers for a one-year period if they were placed on the W.P.A. payrolls, and, if this is not sufficient, additional projects are easily obtainable.

Very truly yours,

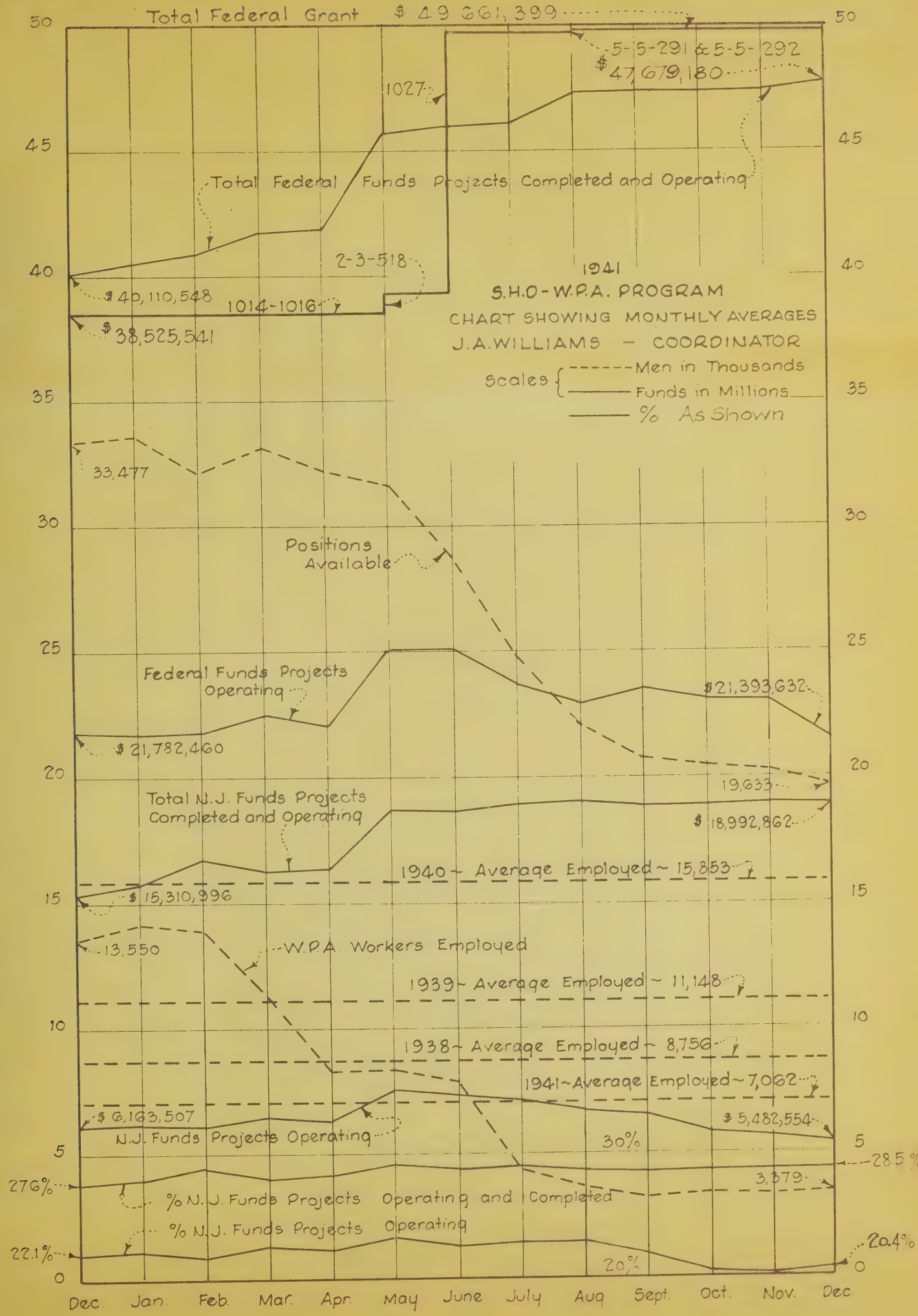
STATE HIGHWAY DEPARTMENT

J. A. Williams

J. A. Williams
Division Construction Engineer
State Highway Coordinator.

STATE OF NEW JERSEY
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
ATLAS SHEET No. 39

SHEET 39
DIVISION OF GEOLOGY AND TOPOGRAPHY


Total Federal Grant $49,661,399
5-5-291 & 5-5-292
$47,679,180
1027
Total Federal Funds Projects Completed and Operating
2-3-518
1941
S.H.O-W.P.A. PROGRAM
CHART SHOWING MONTHLY AVERAGES
J.A.WILLIAMS - COORDINATOR
Scales { Men in Thousands
Funds in Millions
% As Shown
$40,110,548
1014-1016
$38,525,541
33,477
Positions Available
Federal Funds Projects Operating
$21,393,632
$21,782,460
19,633
Total N.J. Funds Projects Completed and Operating
$18,992,862
1940 ~ Average Employed ~ 15,853
$15,310,996
13,550
W.P.A. Workers Employed
1939 ~ Average Employed ~ 11,148
1938 ~ Average Employed ~ 8,756
1941 ~ Average Employed ~ 7,062
$6,163,507
$5,482,554
N.J. Funds Projects Operating
30%
28.5%
3,379
27.6%
% N.J. Funds Projects Operating and Completed
% N.J. Funds Projects Operating
22.1%
20%
20.4%
50
45
40
35
30
25
20
15
10
5
0
Dec.
Jan.
Feb.
Mar.
Apr.
May
June
July
Aug
Sept.
Oct.
Nov.
Dec.

NEW JERSEY STATE HIGHWAY DEPARTMENT

COMPILATION OF W. P. A. PROJECTS

SHOWING COMPLETED PROJECTS

FROM JANUARY 1, 1941 to JANUARY 1, 1942

ALSO INDEX TO KEY NUMBERS AND COST COMPILATION

E. DONALD STERNER
Commissioner

JAMES LOGAN
State Highway Engineer

Information on "P" Nos: C.F.Bedwell, Construction Engineer
Information on "I" & "B" Nos: Alex Muir, Sup't Maintenance
Information on "M" & "C" Nos: E.E.Reed, Supervisor Projects

J.A. Williams
Division Construction Engineer
State Highway Coordinator
Room 14, State House Annex

SUMMARY OF PROJECTS COMPLETED FROM
JANUARY 1, 1941 to JANUARY 1, 1942

	1014		1016	
	Federal	Sponsor	Federal	Sponsor
BETTERMENT	70,383	21,300	317,695	106,881
INSTITUTIONAL	23,889	-	1,084,559	79,037
PRIMARY	606,096	711,268	1,723,338	2,148,311
SUB-TOTALS	700,368	732,568	3,125,592	2,334,229
COUNTY	987,070	207,039	1,609,142	387,453
MUNICIPAL	107,135	13,100	1,314,667	640,436
DIRT ROAD	23,690	6,752	99,796	41,245
SUB-TOTALS	1,117,895	226,891	3,023,605	1,069,134
TOTALS	1,818,263	959,459	6,149,197	3,403,363
	Spon.% 34.5		Spon.% 35.6	

	Federal	Spon.%	Sponsor
Total Completed (1014 & 1016)	7,967,460	35.4	4,362,822

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SUMMARY OF COMPLETED PROJECTS FROM JANUARY 1, 1941 to JANUARY 1, 1942

SHOWING FEDERAL AND STATE COSTS ACCORDING TO COUNTY

COUNTY	1014 (B,P, & I) Federal	1014 (B,P, & I) Sponsor	1014 (C,M, & MD) Federal	1014 (C,M, & MD) Sponsor	1016 (B,P, & I) Federal	1016 (B,P, & I) Sponsor	1016 (C,M, & MD) Federal	1016 (C,M, & MD) Sponsor	TOTAL (1014 & 1016) Federal	TOTAL (1014 & 1016) Sponsor
Atlantic					1,703,673	252,737	704,635	164,792	2,408,308	417,529
Bergen	23,889	-	663,433	148,459	66,980	10,710	516,725	196,852	1,271,027	356,021
Burlington					10,975	4,072	78,593	23,766	89,568	27,838
Camden			24,181	-	103,240	58,014	130,286	36,717	257,707	94,731
Cape May					119,497	45,977	8,648	2,439	128,145	48,416
Cumberland			4,357	-			83,521	7,570	87,878	7,570
Essex	327,956	523,311	44,797	6,752	41,022	292,149	102,367	90,419	516,142	912,631
Gloucester	103,879	103,605	54,380	13,100	60,338	21,240	107,455	18,974	326,052	156,919
Hudson			44,166	-	39,578	58,984	900,762	349,740	984,506	408,724
Hunterdon	80,839	85,004			52,123	263,128	14,252	1,418	147,214	349,550
Mercer							29,644	31,592	29,644	31,592
Middlesex					337,328	415,809			337,328	415,809
Monmouth			1,572	-	43,001	41,916	154,792	49,888	199,365	91,804
Morris										
Ocean					147,323	30,855			147,323	30,855
Passaic	163,805	20,648	30,282	2,485	252,192	679,819	110,279	52,101	556,558	755,053
Salem							50,806	35,759	50,806	35,759
Somerset					148,322	158,819	30,840	7,107	179,162	165,926
Sussex										
Union			250,727	56,095					250,727	56,095
Warren										
	700,368	732,568		226,891	3,125,592		3,023,605		7,967,460	
			1,117,895			2,334,229		1,069,134		4,362,822

Spon.%
35.4

ATLANTIC COUNTY
Completed Projects

January 1, 1942

State House App.		Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor
					BETTERMENT					
502	29	B-135	Landscaping	4	Port Republic	26			19,124	3,282
896	57	B-199	Drainage	43	Elwood	24			20,216	7,236
						50			39,340	10,518
					INSTITUTIONAL					
776	49	I-26	6"Grav.Rd.		County Fire Rds.	1690			977,676	27,500
						1690			977,676	27,500
					PRIMARY WORK					
671	50	P-40	Misc.Impr.	54	Sec.1,Hammonton	927			686,657	214,719
						927			686,657	214,719
					COUNTY WORK					
572	38	C-194	Br.Impro.		County Wide Bridges	74			75,318	12,442
921	55	C-230	Rd.Impr.		County Wide	327			241,114	52,893
						401			316,432	65,335
					DIRT ROAD WORK					
876	51	M-20-D	Rd.&Dr.		11th & Var.Sts.,Hammonton	47			34,440	7,721
960	60	MD-35	Rd.&Dr.		Maple Ave.,Sec.2,	32			24,046	5,411
						79			58,486	13,132
					MUNICIPAL WORK					
567	31	M-230	Grav.Rd.		Var.Sts.,Hammonton	123			92,516	8,844
843	52	M-373	8"Grav.Pave.		" Rds.,Hamilton Twp.	77			57,497	10,578
844	53	M-378	Rd.Impr.		" Rds.,Buena Vista	102			75,752	19,136
950	58	M-417	Rd.&Dr.		Pleasantville City	16			12,019	11,225
949	59	M-418	Misc.		Var.Sts.Egg Harbor Twp.	67			49,713	16,116
929	61	M-420	Rd.&Dr.		Oak Ave.&Var.Sts.Linwood	37			29,864	15,267
571	40	M-285	Grav.Pave.		Var.Sts.Weymouth	16			12,356	5,159
						438			329,717	86,325
					TOTALS	3585			2,408,308	417,529

BERGEN COUNTY
Completed Projects

January 2, 1941

State House App.		Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor
					INSTITUTIONAL					
581	70	I-30	6"Pen.Mac.	104th	Engrs.Armory	104	23,889	-	66,980	10,710
						104	23,889	-	66,980	10,710
					COUNTY WORK					
514	48	C-160	Misc. Impr.	County	Wide	238	600,273	74,498	384,629	138,710
580	51	C-186	Widen	Var.	Rds.	121	59,586	73,961	47,872	12,006
						359	659,859	148,459	432,501	150,716
					MUNICIPAL WORK					
223	13	M-8	Gr. & Dr.	Washington Twp.		10			8,298	9,096
798	72	M-346	7"Pen. Mac	Sec. 2, E.Paterson		9			7,521	4,499
345	75	M-350	6"Pen. Mac.	Carmita Ave.,Rutherford		18			15,108	9,111
954	79	M-362	St.Gd.Rl.	Var.Rds.,Franklin Lakes		21	3,574		21,211	991
908	94	M-374	Exc.Dr.	E.Glenn Ave.Ridgewood		6			5,443	4,311
930	97	M-402	6"Pen.	Front St.,Tenafly		15			11,884	8,384
905	91	M-385	6"Pen.	Railroad Ave.Tenafly		13			10,250	7,063
909	95	M-395	6"Pen.	Cliffside Pk.Boro.		4			3,107	2,418
511	46	M-176	Excav.	E.Glenn Ave.Ridgewood		2			1,406	263
						105	3,574	-	84,224	46,136
					TOTALS	568	687,322	148,459	583,705	207,562

BURLINGTON COUNTY

January 1, 1942

State House App.	1016-S 1	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor
					BETTERMENT					
826	70	B-191	Drainage	S41,	Palymra-Cinnaminson Township	13			10,975	4,072
						13			10,975	4,072
					MUNICIPAL WORK					
585	43	M-248	Rd. Impr.		Fostertown-Colemantown	37			29,667	9,725 C
723	55	M-297	Rd. Const.		Taunton Lakes Rd., Evesham Twp.	32			22,382	5,826 C
857	65	M-353	Rd. Const.		Var. Sts., Chester	13			10,643	3,469
911	73	M-397	Rd. & Dr.		Spring Garden St.	13			15,701	4,747
						95			78,593	23,766
					TOTALS	108			89,368	27,838

CAPE MAY COUNTY
Completed Projects

State House App.	1046-5	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal Sponsor	1016 Federal	1016 Sponsor
					MUNICIPAL WORK				
935	31	M-410	6"Comp.Grav.	Pierce	Pt.Rd., Middle Twp.	13		8,648	2,439
						13		8,648	2,439
					PRIMARY WORK				
673	23	P-26	9"Rein.Conc.	Rt.4,	Sec. 43, Upper Twp.	66		119,497	45,977 C
						66		119,497	45,977
					TOTALS	79		128,145	48,416

CUMBERLAND COUNTY
Completed Projects

January 1, 1942

State House App.	1016-6	Spon No.	Type of Work	Rt. No	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor
					MUNICIPAL WORK					
	23	M-281	Drainage	Var.	Sts. Landis Twp.	94	4,357		83,521	7,570
					TOTALS	94	4,357		83,521	7,570

ESSEX COUNTY

January 1, 1942

State House App.	1016-7	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor
					COUNTY WORK					
702	50	C-204	7"Pen.Mac.		Sycamore Ave.,Livingston Twp.	40	19,884	-	18,236	25,030 C
						40	19,884	-	18,236	25,030 C
					DIRT ROAD WORK					
937	59	M-29-D	New Channel		Foulerton's Brook Roseland	14			14,594	1,358*
767	51	M-9-D	7"Bit.Pen.		Greenbrook Rd.	9	5,042	-	2,463	3,970
884	55	M-25-D	7" " "		Var.Sts.,Nutley Town	6	4,689	-	2,773	6,024
940	58	M-28-D	Shldrs.&Dr.		Glenview Rd.,N.Caldwell	6	548	-	8,400	3,944
936	60	M-30-D	7"Pen.Mac.		Var.Rds.,Roseland Boro	16	4,185	-	13,080	12,817
	63	M-34-D	7" " "		Westover Ave.W.Caldwell	11	9,226	6,752		
						62	23,690	6,752	41,310	28,113
					MUNICIPAL WORK					
912	57	M-393	6"Pen.Mac.		Ozone Ave.,Sec.2,Cedar Grove	9	1,223	-	6,131	5,485 C
953	64	M-424	2" Bit.Conc.		Claremont Ave.Montclair	43		-	36,690	31,791
						52	1,223	-	42,821	37,276
					PRIMARY WORK					
151	9	P-22	Const.Rd.		25 Sec.32, Port St. Newark	470	327,956	523,311	41,022	292,149 C
						470	327,956	523,311	41,022	292,149
					TOTALS	624	372,753	530,063	143,389	382,568

GLOUCESTER COUNTY
Completed Projects

January 1, 1942

State House App.	1016-8	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor
					BETTERMENT					
21	2	B-11	Widen	45	Harrison&Mantua	98	70,383	21,300	3,556	262
						98	70,383	21,300	3,556	262
					PRIMARY WORK					
674	37	P-36	Misc.Improv.	51	Sec.2,Bridgeport-Swedesboro	99	33,496	82,305	56,782	20,978*C
						99	33,496	82,305	56,782	20,978
					MUNICIPAL WORK					
806	38	M-341	Drain.		Var.Sts.,Paulsboro	140	52,830	12,750	66,168	9,239
807	39	M-343	Grav.Rd.		Central Pk.&Lake Ave.	16	1,550	350	11,727	3,746
867	43	M-369	6" Grav.Rd.		Coles Mill Rd.Monroe	43	--	--	29,560	5,989
						199	54,380	13,100	107,455	18,974
					TOTALS	396	158,259	116,705	167,793	40,214

HUDSON COUNTY
Completed Projects

January 1, 1942

State House App.	1016-9 1014	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor
					MUNICIPAL WORK					
913	33	M-392	Rd. & Drain.		16th Sts.,Sec.2,W.N.Y. Town	21	2,389	-	16,258	30,000 C
941	34	M-405	Rd. & Drain.		Center Ave.,Secaucus Twp.	44	7,512	-	30,475	102,200 C
954	36	M-413	Rd. & Drain.		26 St. (Now 70th St.) Guttenberg Town	14			12,700	16,659 C
942	35	M-408	Rd. & Drain.		Broadway, N. Bergen	31			28,377	59,223
						110	9,901	-	87,810	208,082
					PRIMARY WORK					
838	37	P-52	Misc.	1	Sec.9,Danforth Ave. to Hudson Co. Line	48			39,578	58,984
						48			39,578	58,984
					COUNTY WORK					
885	31	C-222	Rd.&Dr.Impr.		County Wide	1009	34,265	-	812,952	141,658
						1009	34,265	-	812,952	141,658
					TOTALS	1167	44,166	-	940,340	408,724

HUNTERDON COUNTY
Completed Projects

January 1, 1942

State House App.	1016-10	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor	
					Betterment						
901	21	B-196	Drainage	30	Sec.1, E.Amwell	7			10,163	2,071	
						7			10,163	2,071	
					PRIMARY WORK						
682	17	P-31	Rd.Impr.	28	Lebanon Boro.	159	80,839	85,004	21,559	114,704	C
*839	24	P-53	9" Rein.Conc.	29	Sec.6A,S.Main	32			20,401	146,353	
						191	80,839	85,004	41,960	261,057	
					MUNICIPAL WORK						
955	25	M-421	3" Pen.Mac.		Pittstown-Baptistown Rd.,Franklin	11			14,252	1,418	
						11			14,252	1,418	
					TOTALS	209	80,839	85,004	66,375	264,546	

* Note: Cancelled before completion.

MERCER COUNTY
Completed Projects

January 1, 1942

State House App.	1016-11	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal Sponsor	1016 Federal Sponsor
					MUNICIPAL WORK			
914	42	M-399	Rd. & Drain.		Princeton Turnpike	16	12,850	14,324
943	45	M-411	" " "		Var. Sts., Princeton	20	16,794	17,268
					TOTALS	36	29,644	31,592

MIDDLESEX COUNTY
Completed Projects

January 1, 1942

State House App.	1016-12	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor
					PRIMARY WORK					
678	40	P-30	Rd. Impr.	25	Sec.33,S.Brunswick Cranbury	323	-	-	287,607	302,900
895	45	P-45	Rd. Impr.	25	Sec. 12B & 13B Woodbridge	32	-	-	26,512	89,461
943	50	P-54	Bit.Conc.	25	Sec.5,Dayton	27			23,209	23,448
						382	-	-	337,328	415,809
					TOTALS	382	-	-	337,328	415,809

MONMOUTH COUNTY
Completed Projects

January 1, 1942

State House App.	1016-13	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1013 Federal	1013 Sponsor
					BETTERMENT					
832	82	B-194	Drainage	33	Millstone Twp.	4			3,098	1,089
						4			3,098	1,089
					MUNICIPAL WORK					
873	80	M-367	Grav.OilRD.	Var.	Sts., Belmar Boro.	37			30,054	17,483
556	49	M-188	Clear.&Grd.	Var.	Rds., Millstone	36	1,572	-	46,531	7,662
742	67	M-300	6"Grav.Rd.		Lincroft-MiddletownRd.	30			24,343	6,375 C
871	77	M-351	6"Grav.Rd.		Sea Girt Ave.	23			16,067	7,378
944	85	M-400	Rd.Impr.		5th Ave. Avon-by-the-Sea	7			5,807	2,502
*956	86	M-414	Rd.Impr.		MontroseRd., Atlantic	47			31,990	8,488
						180	1,572	-	154,792	49,888
					INSTITUTIONAL					
372	81	I-34	7"Pen.Mac.		Marlboro State Hosp. Cont. 13-38	56			39,903	40,827
						56	-	-	39,903	40,827
					TOTALS	240	1,572	-	197,793	91,804

*Note: Cancelled before completion

MORRIS COUNTY
Completed Projects

January 1, 1942

State House App.	1016-14	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal Sponsor	1016 Federal Sponsor

NO COMPLETED PROJECTS

OCEAN COUNTY
Completed Projects

January 1, 1942

State House App.	1016-15	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal Sponsor	1016 Federal	1016 Sponsor
					BETTERMENT				
510	12	B-139	Drain.	37	Sec. 2, Lavalette	6		3,993	5,082
	13	B-162	Misc.	S-40	Sec. 1, Ext. B-67	61		143,330	25,773
					TOTALS	67		147,323	30,855

PASSAIC COUNTY
Completed Projects

January 1, 1942

State House App.	1016-16	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor	
					PRIMARY WORK						
683	42	P-28	Conc.Rd.	6	Sec. 9,Little Falls	280	163,805	20,648	252,192	679,819	C
						280	163,805	20,648	252,192	679,819	
					COUNTY WORK						
	24	C-148	Misc.		W.Milford,Cont.C-122	44	22,335	2,485	16,817	1,299	
						44	22,335	2,485	16,817	1,299	
					MUNICIPAL WORK						
916	53	M-389	Rd.&Drain.		Mohawk Trail,Sec.2	9			7,619	5,770	
945	57	M-409	Drainage		Hobard Ave.,Sec.2	7			8,836	3,179	
811	48	M-333	6" Grav.		LaRue Rd.,W.Milford	45	7,947	-	35,241	6,708	
751	43	M-315	6" Bit.Pen.		Summit Ave.,Mohawk	12			10,218	8,170	C
812	47	M-331	6" " "		Indian Rd.Wayne Twp.	18			14,745	7,167	C
958	58	M-422	Rd.&Dr.		Var.Sts.,Prospect Pk.	11			9,490	7,753	
*919	55	M-396	6"Pen.Mac.		Indian Rd.,Wayne Twp.	9			7,313	12,055	C
						111	7,947	-	93,462	50,802	
					TOTALS	435	194,087	23,133	362,471	731,920	

* Note: Cancelled before completion.

SALEM COUNTY
Completed Projects

January 1, 1942

State House App.	1016-17	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor
					MUNICIPAL WORK					
753	19	M-328	Grav.Pave.		Sinnickson Landing Rd. Springfield Ave.	38			27,827	31,087 C
813	17	M-289	6"Grav.Pave.		State Park,Willow Grove	34			22,979	4,672
					TOTALS	72			50,806	35,759

SOMERSET COUNTY
Completed Projects

January 1, 1942

State House App.	1016-18	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor
					PRIMARY WORK					
*682	34	P-37	Grade	28&29	N.Branch to Somerville	214			148,322	158,819
						214			148,322	158,819
					MUNICIPAL WORK					
*756	29	M-310	Drainage	Various	Sts.No.Plainfield	25			20,254	4,174
*758	32	M-323	"	"	" No.Plainfield	13			10,586	2,933
						38			30,840	7,107
					TOTALS	252			179,262	165,926

*Note: Cancelled before completion

SUSSEX COUNTY
Completed Projects

January 1, 1942

State House App.	1016-19	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor

NO COMPLETED PROJECTS

UNION COUNTY
Completed Projects

January 1, 1942

State House App.	1016 20	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor
					COUNTY WORK					
111	8	C-44	New Const.		Summit Lane, Mountainside	144	120,553	40,576		
476	23	C-147	Misc.		Deer Path Rd., "	159	130,174	15,519 *		
					TOTALS	303	250,727	56,095		

WARREN COUNTY
Completed Projects

January 1, 1942

State House App.	1016-21	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1014 Federal	1014 Sponsor	1016 Federal	1016 Sponsor

NO COMPLETED PROJECTS

NEW JERSEY STATE HIGHWAY DEPARTMENT

COMPILATION OF W.P.A. PROJECTS

SHOWING OPERATING AND WRITTEN-
UP PROJECTS

AS OF JANUARY 1, 1942

ALSO INDEX TO KEY NUMBERS AND COST COMPILATION

E. DONALD STERNER
Commissioner

JAMES LOGAN
State Highway Engineer

Information on "P" Nos: C.F.Bedwell, Construction Engineer
Information on "I" & "B" Nos: Alex Muir, Sup't. Maintenance
Information on "M" & "C" Nos: E.E.Reed, Supervisor Projects

J.A.Williams
Division Construction Engineer
State Highway Coordinator
Room 14, State House Annex

SUMMARY OF PROJECTS OPERATING AS OF JANUARY 1, 1942

	Operating				Written Up	
	1016		1027		1027	
	FEDERAL	SPONSOR	FEDERAL	SPONSOR	FEDERAL	SPONSOR
BETTERMENT	1,915,965	333,068	930,895	321,065	809,909	150,455
INSTITUTIONAL	1,409,407	48,359	-	-	5,048,429	155,802
PRIMARY	199,352	131,906	435,743	323,103	-	-
SUB-TOTALS	3,524,724	513,333	1,366,638	644,168	5,858,338	306,257
COUNTY	8,123,971	1,579,206	5,547,049	2,128,836	576,815	424,114
DIRT ROAD	453,134	155,255	441,074	197,637	273,963	111,442
MUNICIPAL	811,392	153,883	179,448	46,266	284,356	79,747
SUB-TOTALS	9,388,497	1,888,344	6,167,571	2,372,739	1,135,134	615,303
TOTALS	12,913,221	2,401,677	7,534,209	3,016,907	6,993,472	921,560

	Federal	Spon.%	Sponsor	Spon.%
Total Operating (1016 & 1027)	20,447,430	20.9	5,418,584	11.6

SUMMARY OF DEFENSE PROJECTS AS OF JANUARY 1, 1942

COUNTY	FEDERAL	SPONSOR
BURLINGTON	796,017	56,001
CAPE MAY	150,185	7,969
TOTALS	946,202	63,970

ATLANTIC COUNTY — January 1, 1942

State House App.	1027-1	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
					BETTERMENT							
706	41	B-173	Drainage	48	Hamilton&EggHar.	148	163,956	56,566				
824	54	B-192	"	48	Egg Harbor Twp.	38	25,599	7,384	3,137	1,062		
897	56	B-198	"	43	Egg Harbor	67	43,452	12,147	6,895	2,530		
	67	B-208	"	48	Sec.22,Buena	18	13,039	18,052				
						271	246,046	94,149	10,032	3,592		
					INSTITUTIONAL							
776	47	I-24	6"Grav.Rds.		County Fire Rds.	1165					805,825	24,500*
	48	I-25	" "		County Fire Rds.	457					324,533	10,057*
						1622					1,130,358	34,557
					COUNTY W ORK							
967	62	C-236	Rd.Br.Stream		Var.Rds.etc.County							
		AWP-15-OS			Wide	168	125,679	7,486				
984	63	C-241	Br.Const.		County Wide	373					284,966	28,274
	63	C-241	" "		BabcocksCrk.(Incr.1)	45			46,964	7,795		
	63	C-241	Br.&Str.Clear.		County Wide(Incr.2)	325			231,709	23,786		
		AWP-16-OS										
	68	C-244	Rd.Impr.		ClamCrk.CoastGd.	13					24,015	3,436
						924	125,679	7,486	278,673	31,581	308,981	31,710
					MUNICIPAL WORK							
479	26	M-162	6"Grav.		Clark'sLandingRd.							
		A-6A-34			Galloway Twp.	34					28,283	10,049
982	66	M-429	Rd.& Dr.		Elwood-Weekstown Rd.							
		A-6C-34			Sec.2,Mullica Twp.	59					44,632	13,588
982	65	M-428	Rd.& Dr.		OakRd.PlymouthRd.							
		A-11A-40			14thSt.,Hammonton	29	21,701	6,104				
						122	21,701	6,104	-	-	72,915	23,637
					TOTALS	2939	393,426	107,739	288,705	35,173	1,512,254	89,904

BERGEN COUNTY January 1, 1942

State House App.	1027-2 Spon No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
				BETTERMENT							
791	71 B-184	Widen,Lands.	1	Palisade Ave to NY State Line	1551	1,022,802	70,429	354,004	17,039		
825	84 B-188	Guard Rail	1	Sec.1,Ft.Lee	408	181,304	5,969	164,292	10,552		
					1958	1,204,106	76,398	518,296	27,591		
				PRIMARY WORK							
788	73 P-38	Stone Gd. Rail	S4B	Sec.1&2,Var. Twp.	90	64,164	9,063	212,441	2,854		
840	86 P-41	Clear &Grub	S4B	Oakland Boro., Cont. 16-52	60	33,814	1,123	12,521	5,572		
					150	97,978	10,186	224,962	8,426		
				DIRT ROAD WORK							
985	100 M-37-D BWP-4	Rd.&Dr.	Var. Con.	Rds.CountyWide 2-48	466	12,286	———	377,335	170,219		
					466	12,286		377,335	170,219		
				MUNICIPAL WORK							
452	41 M-159 B-107-CS	9" Grav.	W.	Oakland Ave.	49					44,697	12,670
796	69 M-336 B-21-39	7" Pen.Mac.	Franklin St. Sec. 2		8					6,971	3,783

cont.

BERGEN COUNTY, cont. January 1, 1942

State House App.	1027-2	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
					MUNICIPAL WORK, cont.							
853	80	M-363 B-119-OS	6" Bit.Pen	Var.Sts.	Midland Park	97	27,636	5,725	54,393	9,246	[illegible]	[illegible]
851	82	M-365 B-117-OS	6" Gr.Rd.	Var.Rds.	Park Ridge	27	[illegible]	[illegible]			25,548	2,860
855	85	M-375 B-15-40	6" Pen.Mac.	Radburn Rd.	Glenrock	30	19,633	4,758	4,921	3,687		
845	92	M-386 B-29-39	Rd. & Dr.	E.Oakland Ave.	Oakland	54	22,595	1,244	22,122	3,566		
797	98	M-407 B-115-OS	Side&Curb	Var.Sts.	Cliffside Pk.	88	39,538	5,935	38,712	8,008		
						353	109,402	17,662	120,148	24,507	25,548	2,860
					TOTALS	2927	1,423,772	104,246	1,240,741	230,743	77,216	19,313

BURLINGTON COUNTY

January 1, 1942

State House App.	1027-3	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
					BETTERMENT							
685	54	B-167	Drainage	39	Oak Shade to Pemberton Rd.	315	115,741	40,635	139,794	63,194		
898	72	B-197	Land&Dr.	40	Red Lion Circle to Buddtown	303	54,283	47,716	195,179	219,018		
						618	170,024	88,351	334,973	282,212		
					INSTITUTIONAL							
777	66	I-31	6"Grav.Rd.		FireRds.Class A	1147					924,020	23,048*
	67	I-32	" "		" " " B	259					206,456	14,149*
	68	I-33	" "		" " " C	528					425,529	11,237*
						1934					1,556,005	48,434
					COUNTY WORK							
595	51	C-196 BUWP-2	Gen.Impr.		County Wide	1191	402,766	70,863	580,167	229,880		
						1191	402,766	70,863	580,167	229,880		
					MUNICIPAL WORK							
286	9	M-54 BU-39-38	Grav.Rd.		Tabernacle-Chatswork	72					59,652	6,874
589	42	M-239 BU-110-OS	6"Grav.Rd.		Sandy Ridge Rd.	51	42,258	6,401				
932	75	M-406 BU-14-40	6"Comp.Grav.		New Rd.Lumberton &Hainesport Twp.	33	18,757	1,914	8,250	10,251		
						156	61,015	8,315	8,250	10,251	59,652	6,874
					TOTALS	3899	633,805	167,529	923,390	522,343	1,615,657	55,308

BURLINGTON COUNTY

SPECIAL DEFENSE

January 1, 1942

2-3-518	Bit. Mac. Pav't.	Var.Rds.,Access to Fort Dix (Master Project)	437	796,017	56,001
2-3-518A		Subsidiary Unit	112	245,765	16,284
2-3-518B		" "	18	18,793	1,883
2-3-518C		" "	37	73,193	5,281
2-3-518D		" "	23	29,933	2,791
2-3-518E		" "	62	125,272	9,242
2-3-518F		" "	43	76,650	5,590
2-3-518G		" "	35	62,058	3,919
2-3-518H		" "	73	142,793	9,006
2-3-518I		" "	34	42,671	4,112

CAMDEN COUNTY

January 1, 1942

State House App.	1027-4	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
					INSTITUTIONAL							
780	92	I-22	Gravel		County Fire Roads	1093	824,782	29,312				
						1093	824,782	29,312				
					COUNTY WORK							
174	18	C-53	New Rd.		LexingtonAve.Ext.	207	128,211	44,447	57,648	23,705		
603	71	C-182	Rd.Const.		Var.Rd.Co.Dist.#6	787	652,660	131,143				
		CWP-32										
878	96	C-221	Str.Clear.		CountyWide#B&5A	1061	782,678	39,266				
		CWP-42-OS										
923	105	C-229	Rd.&Dr.		Var.Rds.CountyWide	1213	1,043,636	205,328				
		CWP-47										
	111	C-243	Rd.&Dr.		County Wide	82					75,316	30,982
						3450	2,607,185	420,184	57,648	23,705	75,316	30,982
					DIRT ROAD WORK							
766	80	M-2-D	Gravel		Var.Sts.Lindenwold	2					4,193	4,623
		CWP-37										
816	86	M-11-D	"		Var.Sts.Berlin	31	25,914	5,694				
		CWP-39										
817	87	M-12-D	6"Grav.		Var.Sts.Waterford	122	25,501	5,833				
		CWP-40										
987	109	M-38-D	Rd.&Dr.		W.AtlanticAve.							
		CWP-51			Laurel SpringsBoro.	12					9,481	3,757
						167	51,415	11,527			13,674	8,380
					MUNICIPAL WORK							
983	110	M-426	Rd.& Dr.		E.Atl.Ave.,Laurel							
		C-10-40			Springs	33					28,190	21,769
						33					28,190	21,769
					TOTALS	4743	3,483,382	461,023	57,648	23,705	117,180	61,131

CAPE MAY COUNTY

January 1, 1942

State House App.	1016-5	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	Written Up Federal	Written Up Sponsor
					BETTERMENT					
792	26	B-182	Grade	49 & S49	Cumb. Co. Line	732			483,329	41,456
						732			483,329	41,456
					INSTITUTIONAL					
775	24	I-21	Gravel		County Fire Roads	645	436,158	9,657		
						645	436,158	9,657		
					DIRT ROAD WORK					
818	28	M-16-D CMWP-4			Fulling Mill Road	121	83,700	28,132		
						121	83,700	28,132		
					MUNICIPAL WORK					
803	29	M-360	Rd.Impr.		Var.Sts.,Ocean City	143	103,257	57,096		
						143	103,257	57,096		
					TOTALS	1641	623,115	94,885	483,329	41,456
					SPECIAL DEFENSE					
5-5-291		9" R. C.		Delaware Ave., Cape May City		71	105,666	5,283		
5-5-292		9" R. C.		Texas & Pittsburgh Ave.,Cape May City		36	44,519	2,686		
						107	150,185	7,969		

CUMBERLAND COUNTY

January 1, 1942

State House App.	1016	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	Written Up Federal	Written Up Sponsor
					INSTITUTIONAL					
775	30	I-36	6"Grav.Rds.		County Wide	222	148,467	9,390		
						222	148,467	9,390		
					MUNICIPAL WORK					
865	28	M-359 Cu-115-OS	Ditching		Downe Twp.Twp.Wide	60	37,335	1,375		
952	32	M-423 Cu-116-OS	Str.Clear.		Var.Rds.Landis Twp.	476	338,446	32,364		
						536	375,781	33,739		
					TOTALS	758	524,248	43,129	-	-

ESSEX COUNTY

January 1, 1942

State House App.	1027-7	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
					COUNTY WORK							
882	52	C-217	Drainage		Var.Rds.&Streams	1485	968,555	51,000	245,666	-		
						1485	968,555	51,000	245,666	-		
					PRIMARY WORK							
979	65	P-57	Widening		Rt.25,Sec.34, Newark	75	6,206	39,339	49,260	167,739		
						75	6,206	39,338	49,260	167,739		
					TOTALS	1560	974,761	90,339	294,926	167,739	-	-

GLOUCESTER COUNTY January 1, 1942

State House App.	1027-8 I	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
					BETTERMENT							
508	30	B-143	Drainage	47	Franklinville	79	119,059	29,244				
630	34	B-161	Drainage	45	Deptford&Mantua	8	7,316	1,387				
927	46	B-204	Drainage	47	Sec.7&Rt.48,Sec. 16,Franklin Twp.	43					29,485	19,390
						130	126,375	30,631			29,485	19,390
					INSTITUTIONAL							
779	44	I-35	6"Grav.Rds.		County Wide Fire Rds.	425					336,989	8,222*
						425					336,989	8,222*
					COUNTY WORK							
529	26	C-165 GlWP-1-OS	Drainage		Glassboro-Williamstown	80	54,299	2,657				
821	41	C-218 GLWP-2-OS	Drainage		County Wide	428	192,744	96,362	159,610	39,506		
						508	247,043	99,019	159,610	39,506		
					MUNICIPAL WORK							
633	33	M-268 GL-105-OS	Gravel Rd.		Little Mill Rd.	57					46,383	8,154
						57					46,383	8,154
					TOTALS	1120	373,418	129,650	159,610	39,506	412,857	35,766

HUDSON COUNTY

January 1, 1942

State House App.	1027-6	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
					COUNTY WORK							
989		38 C-239 HWP-10	SheetAsphalt		County Wide	4125	371,273	268,360	3,169,856	1,621,609		
		39 C-242 HWP-24	Drain.Out.		1 Danforth Ave.	76					65,680	303,409
									1,621,609			
					TOTALS	4201	371,273	268,360	3,169,856		65,680	303,409

HUNTERDON COUNTY

January 1, 1942

State House App.	1027-10	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
					BETTERMENT							
710	20	B-176	Drainage	29A	Del.Dr.King-wood	329					206,381	30,537
						329					206,381	30,537
					COUNTY WORK							
534	12	C-158 HunWP-7	3"Pen.Mac.		Mt.Airy-Sergeants-ville	128	48,964	15,970	13,796	4,469		
						128	48,964	15,970	13,796	4,469		
					DIRT ROAD WORK							
768	18	M-6-D HunWP-8	3"Bit.Pen.		Dilts Corner Hdqtrs. Road	23	14,878	11,428				
769	19	M-8-D HunWP-9	Rd. Impr.		Var.Sts.Clinton Twp.	118	69,092	25,759				
						141	83,970	37,187				
					MUNICIPAL WORK							
533	13	M-197 Hun-101-OS	3"Pen.Mac.		Sergeantsville-Lock-town	76	19,121	10,191	30,092	8,408		
532	14	M-222 Hun-23-38	Gr.Dr.Pave.		Mt.Airy-Bowne Sta.	80	61,424	11,604				
						156	80,545	21,795	30,092	8,408		
					TOTALS	754	213,479	74,952	43,888	12,877	206,381	30,537

MERCER COUNTY

January 1, 1942

State House App.	1027-11	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
					BETTERMENT							
981	46	B-207	Drain. Impr.	27	Stockton St. Boro of Princeton	10	9,430	6,230				
						10	9,430	6,230				
					COUNTY WORK							
923	39	C-223	8"Pen.Mac.	Var.Rds.,County								
		MEWP-11-OS		Wide		358	134,054	31,199	218,496	96,567		
925	40	C-227	StreamClear.	Var.Streams								
		MEWP-10-OS		County Wide		679	16,986	4,247	480,895	25,063		
946	41	C-231	Br.Culv.	County Wide								
		MEWP-12-OS				28					27,010	27,187
						1065	151,040	35,446	699,391	121,630	27,010	27,187
					TOTALS	1070	160,470	41,676	699,391	121,630	27,010	27,187

1027-12

MIDDLESEX COUNTY

January 1, 1942

State House App.	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
				BETTERMENT							
834	44 B-195	Drainage	27	Sec.3,French St.,N.Brunswick Twp.	37	18,314	5,915	13,051	5,170		
					37	18,314	5,915	13,051	5,170		
				COUNTY WORK							
963	47 C-233 MIWP-6-OS	Br.&Culverts	County Wide		36	22,363	7,372	11,350	8,531		
	51 C-238	Rd.&Dr.Impr.	County Wide		1154	942,235	339,590				
548	33 C-172 MIWP-3-OS	Str.Clear.	County Wide		241	165,104	7,281	19,273	700		
					1431	1,129,702	354,243	30,623	9,231		
				TOTALS	1489	1,148,016	360,158	43,674	14,401		

MONMOUTH COUNTY

January 1, 1942

State House App.	1027-13 Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
				COUNTY WORK							
704	65 C-203 SUWP-2	Rd.Const.		County Wide	1749	1,405,975	151,465				
					1749	1,405,975	151,465				
				MUNICIPAL WORK							
554	48 M-187 MH-105-OS	Impr.Sts.		Var.Sts.W.Keansburg	50	39,304	1,708	9,135	200		
957	87 M-416 MH-27-40	Rd.&Dr.		Old Mill Rd.,Wall Twp.	47	20,387	7,464	11,823	2,828		
					106	59,691	9,172	20,958	3,028		
				TOTALS	1855	1,465,666	160,637	20,958	3,028		

MORRIS COUNTY

January 1, 1942

State House App.	1016-14	Spon. No.	Type of Work	Rt. No.	Location	Man Hrs.	1016 Federal	1016 Sponsor	Written Up Federal	Written Up Sponsor
					BETTERMENT					
	2	B-60	Widen	32	Morris Plains	6			3,998	1,347
73	12	B-85	Gutters	31	Chester	8			4,962	3,200
						14			8,960	4,547
					DIRT ROAD WORK					
770	24	M-3-D	4"Grav.Pave.	Var.	Sts. Jefferson Twp.	261			186,576	73,119
	MWP-1					261			186,576	73,119
					TOTALS	275			195,536	77,666

OCEAN COUNTY

January 1, 1942

State House App.	1016-15	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	Written Up Federal	Written Up Sponsor
					INSTITUTIONAL					
778	15	I-27			Fire Rds.,County Wide	1014			671,523	13,650*
	16	I-28			Fire Rds.,County Wide				424,431	29,487*
	17	I-29			Fire Rds..County Wide	1349			899,661	19,180*
	19	I-38			Fire Rd.,Gunderson Farm Road	41			29,462	2,272
						2404			2,025,077	64,589
					TOTALS	2404			2,025,077	64,589

PASSAIC COUNTY

January 1, 1942

State House App.	1027-16	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
					BETTERMENT							
712	46	B-177	Exc.	23	Sec.6,W.Milford	132	101,348	9,098	54,543	2,500		
						132	101,348	9,098	54,543	2,500		
					PRIMARY WORK							
788	49	P-39	St.Gd.Rl.	S4B	HawthorneBoro.	2	14,716	2460				
840	52	P-42	Clear.&Grub.	S4B	Wanaque	100	28,690	2,301	51,100	9,229		
971	60	P-55	Gr.&Dr.	S-3	Sec.3,ValleyRd.	197	51,762	79,834	110,421	137,709		
						299	95,168	82,381	161,521	146,938		
					COUNTY WORK							
560	27	C-154 PWP-11-OS	6"Pen.Mac.		OaklandRingwoodSky.	590	260,458	23,748	217,442	11,302		
663	39	C-207 PWP-14-OS	Grav.Pave.		E.ShoreGreen.Lake	134	97,427	19,899	16,026	3,669		
763	41	C-206 PWP-16-OS	Drainage		Otter Hole Rd.	6	5,920	1,883	2,185	1,175		
887	51	C-226 PWP-17-OS	Drainage		Lincoln Ave., Hawthorne	14					12,272	6,289
968	59	C-237 PWP-19	Culverts		Oakland Ringwood Sky.	25	16,946	1,387	4,409	493		
						769	380,751	46,917	240,062	16,639	12,272	6,289
					TOTALS	1200	577,267	138,396	456,126	166,077	12,272	6,289

SALEM COUNTY

January 1, 1942

State House App.	1016-17	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	Written Up Federal	Written Up Sponsor
					BETTERMENT					
666	14	B-151	Drainage	48	Sec.19,Pittsgrove	23	18,463	6,228		
714	18	B-168	Drainage	48	Pittsgrove & Upper Pittsgrove	16			11,575	6,139
795	21	B-181	Dr.&Const.	44	Carneys Pt.Rt.48	32	21,859	16,068		
902	27	B-201	Drain	45	Market St.Salem	24			17,782	8,924
						95	40,322	22,296	29,357	15,063
					COUNTY WORK					
421	10	C-125 SAWP-1	Gr.&Dr.		Pennsgrove,Auburn Rd.	21			14,935	2,433
889	22	C-219 SWP-6	6" Grav.Pave.		Tattletown Rd.	93			64,081	14,538
						114			79,016	16,971
					DIRT ROAD WORK					
892	25	M-19-D SWP-7	6"Grav.Pave.		Var.Sts.,Penns Neck	39			27,013	13,007
						39			27,013	13,007
					TOTALS	248	40,322	22,296	135,386	45,041

SOMERSET COUNTY

January 1, 1942

State House App.	1027-18	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
					COUNTY WORK							
444	21	C-135 SOWP-10	3" Pen.Mac.	Var.	Sts.Franklin	12					8,540	7,566
	25	C-173 SOWP-6	Bld.Rd.Br.	Var. Cont.	Sts.Bedminster, C-98-D	26	37,181	14,833				
						38	37,181	14,833			8,540	7,566
					DIRT ROAD WORK							
894	36	M-21-D SOWP-17	6"Pen.Mac.	Ayres colm	Ave. & Mal-	6					4,878	4,787*
						6					4,878	4,787*
					TOTALS	44	37,181	14,833	-	-	13,418	12,353

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1027-19

SUSSEX COUNTY

January 1, 1942

State House App.		Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
					BETTERMENT							
	9	B-205	Rd.Culv.&Dr.	31	Sec.11,Andover	74					52,397	39,462
						74					52,397	39,462
					COUNTY WORK							
705	5	C-198	Drainage	County	Wide	192	135,664	29,780	5,491	5,162		
	SUWP-2					192	135,664	29,780	5,491	5,162		
					TOTALS	266	135,664	29,780	5,491	5,162	52,397	39,462

1027-20

UNION COUNTY

January 1, 1942

State House App.	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal Sponsor	1027 Federal Sponsor	Written Up Federal Sponsor

NO OPERATING OR WRITTEN UP PROJECTS

WARREN COUNTY January 1, 1942

State House App.	1027-21	Spon. No.	Type of Work	Rt. No.	Location	Man Yrs.	1016 Federal	1016 Sponsor	1027 Federal	1027 Sponsor	Written Up Federal	Written Up Sponsor
					COUNTY WORK							
947	9	C-232	Rd.&Dr.		County Wide	262	112,193	13,640	66,066	25,424		
	WWP-6					262	112,193	13,640	66,066	25,424		
					DIRT ROAD WORK							
771	6	M-4-D	Dirt Road	Var.	Sts.Var.Twp.	93	74,938	36,893	14,059	7,195		
	WWP-4											
772	7	M-5-D	Dirt Road	Var.	Sts.Var.Twps.	297	146,325	41,516	49,680	20,223		
	WWP-5											
	11	M-39-D	" "		Frelinghuysen,Blairs-town,Knowlton Twps.	61					41,822	12,149
	WWP-8					451	221,263	78,409	63,739	27,418	41,822	12,149
					TOTALS	713	333,456	92,049	129,805	52,842	41,822	12,149

ANNUAL REPORT

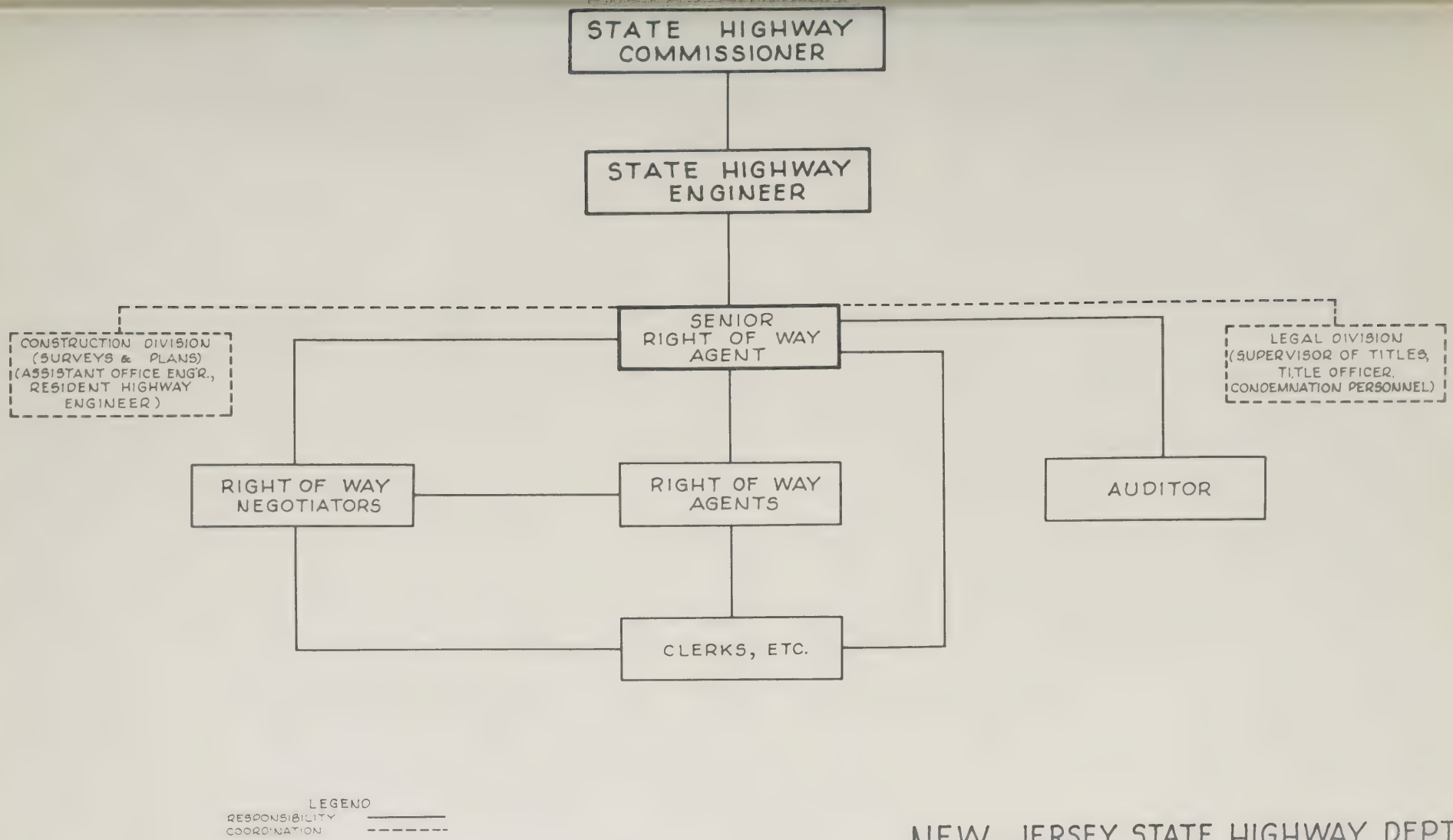
OF THE

REAL ESTATE DIVISION

NEW JERSEY STATE HIGHWAY DEPARTMENT

FOR THE YEAR

1941



NEW JERSEY STATE HIGHWAY DEPT.

REAL ESTATE DIVISION (NEGOTIATIONS) ORGANIZATION

1941

March 2, 1942

Mr. James Logan
State Highway Engineer

Dear Sir:

I am submitting herewith a detailed report and analysis covering the acquisition of rights of way for the year 1941.

The summary for 1941 shows that the number of agreements approved, awards approved and net condemnations authorized total 638 in the aggregate sum of $2,369,376.07. The actual amount paid out during the year 1941 on settled cases was $2,542,902.61.

The total cost of operating the Real Estate Division for the year 1941 was $295,414.71, which is subdivided in the following manner:

Negotiating Bureau	$106,634.09
Title Bureau	100,337.24
Legal Bureau	88,443.38

In addition to actually negotiating for the acquisition of properties needed, the Negotiating Bureau assisted the Construction Division in making preliminary estimates on various lines and also testified before Condemnation Commissioners and Juries.

Respectfully submitted,

John Franssen

John Franssen
Senior Right of Way Agent

PERSONNEL OF DIVISION OF REAL ESTATE ACQUISITIONS

JANUARY 1, 1941 TO DECEMBER 31, 1941

L. Adler
J. W. Aymar, Jr.
M. Balbresky
H. Beilinson
D. S. Blinn
F. Brenna
M. F. Brennan
J. G. Brown
C. M. Buckley
R. A. Callahan
A. Carrell
F. T. Chiarello
M. E. Cohen
C. Dale
H. W. Denmead
M. Devlin
E. Drake
A. Esposito
G. L. Feaster
J. Franssen
W. R. Hancock
W. B. Haney
R. Hartgrove
M. Hester
G. R. Hood
F. Hulit
F. Ireton
M. R. Johnson
K. Jones
W. Kirk, Jr.
H. N. Kramer
J. H. Laffan
F. Layton
S. Lefkowitz
C. I. Levine
N. Lister
M. C. Lynch
T. B. MacDougall
A. S. Manion
W. Masterton
F. A. Matthews, Jr.
W. J. McCormack
Morris McCrosson
L. S. Naples
J. J. Newmark
W. A. O'Brien
J. O'Hara
L. Pieslak
M. Pollak
J. L. Prout
V. J. Rebbeck
G. B. Reed
T. Reilly
W. L. Rogers
S. B. Rosen
B. Ruderman
J. A. Russo
A. St. John
R. Saltzman
V. Sams
W. K. Schanck
F. Schatzman
W. H. Schiller
M. W. Schmidt
L. F. Seale
O. F. Seggel
H. Silverstein
F. Skillman
T. J. Smith
R. A. Snyder
T. W. Stewart
M. D. Swackhamer
A. H. Sweeney
B. C. VanTine
F. Vollmer, Jr.
J. J. Walklet
B. A. Ward
M. G. Ward
P. Ward
J. Watt
H. Weisman

REAL ESTATE DIVISION - 1941

Salaries	$215,154.01
Traveling Expense	3,757.55
Supplies	1,577.57
Telephone	2,461.77
Miscellaneous	45.14
Equipment	499.55
Postage	811.88
Department Auto and Truck Use	14,098.63
Condemnation Advertising	1,615.39
Special Services, Attorneys, Appraisers, Witnesses, Condemnations, etc.	25,930.54
Blue Prints	906.87
Appraisal Services	22,948.50
Rent and Light	475.86
Titles, County Clerks, etc.	5,111.81
Advertising	13.64
Medical Services	6.00
Total cost of Operations for Real Estate Division for the year 1941	$295,414.71

COST OF OPERATING THE VARIOUS
BRANCHES OF THE REAL ESTATE DIVISION
FOR THE YEAR 1941

	Negotiating	Title	Legal	Total
Salaries	$ 70,180.39	$ 89,682.03	$ 55,291.59	$215,154.01
Traveling Expense	379.82	3,243.26	134.47	3,757.55
Supplies	367.10	744.80	465.67	1,577.57
Telephone	929.42	929.42	602.93	2,461.77
Miscellaneous	13.91	24.48	6.75	45.14
Equipment	180.45	144.50	174.60	499.55
Postage	360.94	450.94	--	811.88
Dept. Auto & Truck Use	9,877.19	--	4,221.44	14,098.63
Condemnation Advertising	--	--	1,615.39	1,615.39
Special Services, Attorneys, Appraisers, Witnesses, etc.	--	--	25,930.54	25,930.54
Blue Prints	906.87	--	--	906.87
Appraisal Services	22,948.50	--	--	22,948.50
Rent and Light	475.86	--	--	475.86
Titles, County Clerks, etc.	--	5,111.81	--	5,111.81
Advertising	13.64	--	--	13.64
Medical Services	--	6.00	--	6.00
Totals ----------	$106,634.09	$100,337.24	$ 88,443.38	$295,414.71

LIST SHOWING COMPARISON OF COST OF OPERATING REAL ESTATE DIVISION DURING 1939 - 1940 - 1941.

	1939	1940	1941
Salaries	$205,523.72	$210,559.25	$215,154.01
Traveling Expense	3,191.66	3,851.83	3,757.55
Supplies	1,712.81	2,392.84	1,577.57
Equipment	1,587.96	459.28	499.55
Appraisal Services	23,491.63	38,504.50	22,948.50
Blue Prints	1,120.63	1,072.67	906.87
Telephone	2,017.22	2,188.97	2,461.77
Advertising	203.88	49.72	13.64
Miscellaneous	108.56	68.06	45.14
Dept. Auto & Truck Use	13,270.01	13,701.55	14,098.63
Titles, County Clerks	7,127.01	6,324.91	5,111.81
Postage	696.54	779.76	811.88
Special Services, Attorneys, Appraisers, Witnesses, Condemnations, etc.	11,867.51	31,721.80	25,930.54
Condemnation Advertising	1,045.10	1,222.42	1,615.39
Medical Services	74.25	3.00	6.00
Rent & Light	--	90.00	475.86
Total Cost of Operating Real Estate Division	$273,766.49	$312,990.56	$295,414.71

Total Cost of operating the Real Estate Division for the Year 1941 ..... $295,414.71

Actual payments made for the acquisition of right of way during 1941 .....$2,542,902.61

Total number of cases acted on during the year 1941 .....$2,369,376.07

SUMMARY OF 1941 REAL ESTATE ACQUISITIONS

		No. of Par.	Amount
I	AGREEMENTS		
	Original Agreements	377	$1,488,510.62
	Comp. Agreements on 1941 Auth.....	44	98,175.20
	Comp. Agreements on old auth.....	37	163,591.10
	Total number of agreements and amount approved during 1941.....	458	$1,750,276.92
II	AWARDS OR SETTLEMENTS SUBSEQUENT TO AWARDS		
	Awards or settlements subsequent to awards on 1941 authorizations.....	12	$ 12,160.75
	Awards or settlements subsequent to awards on old authorizations.....	47	426,216.33
	Total awards or settlements subsequent to awards approved during 1941.....	59	$ 438,377.08
III	TOTAL NUMBER OF PARCELS SETTLED DURING 1941		
	Agreements.....	458	$1,750,276.92
	Awards or settlements subsequent to awards.....	59	438,377.08
	Total number of parcels settled during 1941.....	517	$2,188,654.00
IV	TOTAL NUMBER OF PARCELS AND AMOUNTS AUTHORIZED FOR CONDEMNATION DURING 1941	177	$ 254,397.70
	Of this number 44 parcels were settled by agreement and 12 parcels on which awards were approved, leaving 121 parcels authorized during 1941 which are still pending.		
V	TOTAL NUMBER OF PARCELS ACTED ON BY THE COMMISSIONER DURING 1941. (INCLUDES NET CONDEMNATIONS AUTHORIZED)		
	Total number of agreements approved...	458	$1,750,276.92
	Total number of awards or settlements subsequent to awards	59	438,377.08
	Total number of net condemnations pending on 1941 authorizations.....	121	180,722.07
		638	$2,369,376.07
VI	TOTAL NUMBER OF PARCELS AUTHORIZED FOR CONDEMNATION WHICH ARE STILL PENDING		
	Authorizations previous to Jan.1,1941 which are still pending.....	*92	$ 449,633.17
	Authorized during 1941(Still pending).	121	180,722.07
	Total number of parcels authorized for condemnation which are still pending.	213	$ 630,355.24

*Includes Parcel #31 on Route 21, Section 2, on which an official offer of $400,000.00 was authorized in 1932.

VII 500 OPEN CASES NEVER ACTED ON, INCLUDING 4 ON OLD ROUTES.

KEY TO HEADINGS IN ANALYSIS OF NEGOTIATIONS FOR 1941

1. "TOTAL AGREEMENTS 1941" means total agreements approved and will include #2, 4 and 7. 1 = 2 + 4 + 7.

2. "ORIGINAL AGREEMENTS" or agreements approved during 1941, exclusive of compromissary settlements or acceptance of offers.

3. "TOTAL CONDEMNATIONS AUTHORIZED 1941". This includes #4, 5 & 6. 3 = 4 + 5 + 6 (for number of parcels only.)

4. "SETTLED BY COMPROMISSARY AGREEMENTS" includes acceptance of offers and compromissary settlements without hearings, 1941 cases only.

5. "APPROVED AWARDS OR SETTLEMENTS SUBSEQUENT TO AWARDS 1941" includes only awards on cases authorized in 1941 settled during 1941 by acceptance of awards, jury awards or compromise.

6. "PENDING" includes condemnations authorized in 1941 on which no settlements or awards have been approved and includes cases under appeal.

7. OLD CONDEMNATIONS - "SETTLED BY AGREEMENT" includes condemnations authorized previous to January 1, 1941 and settled subsequent to January 1, 1941 without hearings.

8. OLD CONDEMNATIONS - "SETTLED BY AWARDS SUBSEQUENT TO AWARDS" includes condemnations authorized previous to January 1, 1941 and settled subsequent to January 1, 1941, either by approval of awards or compromissary settlements subsequest to awards.

9. "TOTAL AWARDS APPROVED OR SETTLEMENTS SUBSEQUENT TO AWARDS, 1941". This includes #5 and 8. 9 = 5 + 8.

10. "TOTAL CASES SETTLED 1941" includes #1 & 9. 10 = 1 + 9.

11. "TOTAL CASES INCLUDING NET CONDEMNATIONS AUTHORIZED" includes #10 and 6. 11 = 10 + 6.

12. "OLD CONDEMNATION CASES PENDING" on condemnation cases authorized before 1941 and not yet settled.

13. "TOTAL CONDEMNATION CASES PENDING" includes #6 & 12. 13 = 6 + 12.

14. "OPEN CASES" on which no agreements were approved or no condemnation authorized.

9 S TS O	10 TOTAL SETTLED CASES		11 TOTAL CASES INCLUDING NET CONDEMNATIONS AUTHORIZED		12 AUTHORIZED BEFORE JANUARY 1, 1941 OLD CONDEMNATION CASES PENDING		13 TOTAL CONDEMNATION CASES PENDING		14 OPEN CASES
	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO.
									1
									1
	2	5,248.78	2	5,248.78					
	1	8,560.00	1	8,560.00					
	1	1.00	1	1.00					1
			1	5,443.63			1	5,443.63	1
	1	50.00	1	50.00					
	1	1.00	1	1.00					
	1	200.00	1	200.00					
									1
			1	321.60			1	321.60	
									1
	3	281.00	3	281.00	6	5,611.70	6	5,611.70	6
	23	368,448.05	24	368,451.05			1	3.00	9
									1
	1	366.00	1	366.00					
	1	25.00	1	25.00	1	400.00	1	400.00	
	2	2,800.00	2	2,800.00					1
	1	13,400.00	2	33,087.00			1	19,687.00	4
	10	6,938.04	19	10,987.22			9	4,049.18	8
			2	280.00			2	280.00	
									10
									1
	1	50.00	1	50.00	2	908.50	2	908.50	4
					1	125.00	1	125.00	10
	3	30,600.00	3	30,600.00					2
									2
	1	1,000.00	1	1,000.00					5
	1	300.00	1	300.00					8
									1
	3	2,060.00	3	2,060.00					1
			2	5,212.90			2	5,212.90	2
	1	50.00	1	50.00					1
									7
	1	250.00	2	301.00			1	51.00	1
					1	18.40	1	18.40	
									84
									1
					1	400,000.00	1	400,000.00	
									2
									3
									1
	1	125.00	1	125.00					1
									46
	1	100.00	1	100.00					
	61	441,553.87	79	476,602.18	12	407,063.60	30	442,111.91	228

ANALYSIS OF 1941 RIGHT OF WAY ACQUISITION

1

1927 ROUTE NUMBERS		1 TOTAL AGREEMENTS		2 ORIGINAL AGREEMENTS		CONDEMNATION: 3 TOTAL CONDEMNATIONS AUTHORIZED		CONDEMNATION: 4 SETTLED BY COMPROMISORY AGREEMENTS		CONDEMNATION: 5 APPROVED AWARDS OR SETTLEMENTS SUBSEQUENT TO AWARDS		CONDEMNATION: 6 PENDING		OLD CONDEMNATION SETTLED IN 1941: 7 BY AGREEMENT		OLD CONDEMNATION SETTLED IN 1941: 8 BY AWARD OR SUBSEQUENT TO AWARDS		9 TOTAL AWARDS APPROVED OR SETTLEMENTS SUBSEQUENT TO AWARDS		10 TOTAL SETTLED CASES		11 TOTAL CASES INCLUDING NET CONDEMNATIONS AUTHORIZED		12 AUTHORIZED BEFORE JANUARY 1, 1941 OLD CONDEMNATION CASES PENDING		13 TOTAL CONDEMNATION CASES PENDING		14 OPEN CASES
ROUTE	SECTION	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO.
1	1																														1
1	4D																														1
1	9	2	5,948.78	2	5,948.78															2	5,948.78	2	5,948.78							
1	9 Conn. AT LONG BR.	1	8,560.00											1	8,560.00					1	8,560.00	1	8,560.00							
1	CUT-OFF BERGEN TPK. AT NYESWAR	1	1.00	1	1.00															1	1.00	1	1.00							1
1						1	5,443.63					1	5,443.63									1	5,443.63			1	5,443.63			1
S1	1	1	50.00	1	50.00															1	50.00	1	50.00							
2	7	1	1.00	1	1.00															1	1.00	1	1.00							
3	2	1	200.00	1	200.00															1	200.00	1	200.00							
3	3																													1
3	4A					1	321.60					1	321.60									1	321.60			1	321.60			
3	5																													1
S3	1															3	281.00	3	281.00	3	281.00	3	281.00	6	5,611.70	6	5,611.70			6
S3	3	23	368,448.05	22	358,748.05	2	5,878.00	1	9,700.00			1	3.00							23	368,448.05	24	368,451.05			1	3.00			9
S3	4																													1
4	3	1	366.00	1	366.00															1	366.00	1	366.00							
4	40															1	25.00	1	25.00	1	25.00	1	25.00	1	400.00	1	400.00			
4	41	2	2,800.00	1	300.00									1	2,500.00					2	2,800.00	2	2,800.00							1
4	UNION TO RAHWAY	1	13,400.00	1	13,400.00	1	19,687.00					1	19,687.00							1	13,400.00	2	33,087.00			1	19,687.00			4
CONN. FROM ROMERS PT.	RT. 4 AT TRAFFIC CIR.	10	6,938.24	10	6,938.24	9	4,249.18					9	4,249.18							10	6,938.24	19	10,187.22			9	4,249.18			8
4N	104					2	280.00					2	280.00									2	280.00			2	280.00			
4 & 35	11B																													10
S4	OUTERBRIDGE XING																													1
S4B	1															1	50.00	1	50.00	1	50.00	1	50.00	2	908.50	2	908.50			4
S4B	2																							1	125.00	1	125.00			10
S4B	3	3	30,600.00	3	30,600.00															3	30,600.00	3	30,600.00							2
6	7																													2
6	8	1	1,000.00	1	1,000.00															1	1,000.00	1	1,000.00							5
6	9	1	300.00	1	300.00															1	300.00	1	300.00							8
6	11																													1
6	13	2	710.00	2	710.00											1	1,350.00	1	1,350.00	3	2,060.00	3	2,060.00							1
6	21					2	5,212.90					2	5,212.90									2	5,212.90			2	5,212.90			2
7	1															1	50.00	1	50.00	1	50.00	1	50.00							1
10&5 C.L.	1																													7
12	2					1	51.00					1	51.00			1	250.00	1	250.00	1	250.00	2	301.00			1	51.00			1
12	6																							1	18.40	1	18.40			
18	1																													84
21	1																													1
21	2																							1	400,000.00	1	400,000.00			
21	4A																													2
21-25-29	NEWARK JUNCTION																													3
23	8B																													1
24	ALEXANDER AVENUE	1	125.00	1	125.00															1	125.00	1	125.00							1
24 ZAN	2																													46
824	1	1	100.00	1	100.00															1	100.00	1	100.00							
Total Sheet 1		53	439,547.87	50	418,787.87	19	40,923.31	1	9,700.00		-	18	35,048.31	2	11,060.00	8	2,006.00	8	2,006.00	61	441,553.87	79	476,602.18	12	407,063.60	30	442,111.91			228

9	10		11		12		13		14
DS NTS TO	TOTAL SETTLED CASES		TOTAL CASES INCLUDING NET CONDEMNATIONS AUTHORIZED		AUTHORIZED BEFORE JANUARY 1, 1941 OLD CONDEMNATION CASES PENDING		TOTAL CONDEMNATION CASES PENDING		OPEN CASES
	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO.
									1
									1
			1	13,983.00			1	13,983.00	
									1
	1	33.00	1	33.00					
	1	25[illegible].00	1	250.00	1	5.00	1	5.00	
									2
	1	1.00	1	1.00					
									3
									1
									3
	2	16,1[illegible].00	2	16,1[illegible].00	1	300.00	1	300.00	2
	5	119,[illegible].00	13	139,[illegible].58			8	19,848.58	12
					1	190.00	1	190.00	
									1
									1
					1	74.00	1	74.00	
			1	426.00			1	426.00	
									6
	3	21,250.00	3	21,250.00					
	12	167,62[illegible].00	14	160,[illegible]57.20			2	733.20	3
	4	7,375.00	6	7,410.25	2	2,885.50	4	2,920.75	1
	1	1,35[illegible].00	2	4,810.00			1	2,3[illegible].00	
	1	225.00	1	225.00	1	50.00	1	50.00	2
									19
	1	52,150.00	1	52,150.00					
									1
	19	77,619.00	21	80,1[illegible].00	9	11,651.25	11	14,201.25	1
	10	57,575.35	10	57,575.35	2	5,237.50	2	5,237.50	
									1
	7	8,118.20	8	8,309.60	2	630.30	3	901.70	3
									2
	1	250.00	1	250.00					
									1
			1	100.00			1	100.00	2
									2
	1	75.00	1	75.00					
	2	865.00	2	865.00	1	398.25	1	398.25	4
	3	242.48	3	242.48	2	110.00	2	110.00	
	1	346.50	1	346.50					1
									12
									1
	1	1.00	1	1.00					
	8	5,310.00	14	6,0[illegible].00	1	240.00	7	1,020.00	9
	1	50.00	1	50.00					2
	1	9,869.25	1	9,869.25	1	33.10	1	33.10	1
	87	546,430.28	112	588,126.71	25	21,804.90	50	63,501.33	

ANALYSIS OF 1941 RIGHT OF WAY ACQUISITION

1927 ROUTE NUMBERS		1 TOTAL AGREEMENTS		2 ORIGINAL AGREEMENTS		CONDEMNATION: 3 TOTAL CONDEMNATIONS AUTHORIZED		CONDEMNATION: 4 SETTLED BY COMPROMISORY AGREEMENTS		CONDEMNATION: 5 APPROVED AWARDS OR SETTLEMENTS SUBSEQUENT TO AWARDS		CONDEMNATION: 6 PENDING		OLD CONDEMNATION SETTLED IN 1941: 7 BY AGREEMENT		OLD CONDEMNATION SETTLED IN 1941: 8 BY AWARD OR SUBSEQUENT TO AWARDS		9 TOTAL AWARDS APPROVED OR SETTLEMENTS SUBSEQUENT TO AWARDS		10 TOTAL SETTLED CASES		11 TOTAL CASES INCLUDING NET CONDEMNATIONS AUTHORIZED		12 AUTHORIZED BEFORE JANUARY 1, 1941 OLD CONDEMNATION CASES PENDING		13 TOTAL CONDEMNATION CASES PENDING		14 OPEN CASES
ROUTE	SECTION	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO.
25	3D & 1A																													1
25	5B & 6B																													1
25	4					1	13,983.00					1	13,983.00									1	13,983.00			1	13,983.00			
25	5																													1
25	7	1	33.00	1	33.10															1	33.00	1	33.00							
25	12	1	25.00											1	250.00					1	25.00	1	25.00	1	5.00	1	5.00			2
25	23																													
25	26	1	1.00	1	1.00															1	1.00	1	1.00							3
25	29																													1
25	30																													3
25	32																													2
25	33	2	16,100.00											2	16,100.00					2	16,100.00	2	16,100.00	1	300.00	1	300.00			2
25	34	5	119,250.00	5	119,250.00	8	19,848.58					8	19,848.58							5	119,250.00	13	139,098.58			8	19,848.58			12
25 C.L.	2 & 3																							1	190.00	1	190.00			
25 C.L.	4 & 5																													1
26	3																							1	74.00	1	74.00			
26 & 27	CAL ST EXTEN																					1	426.00			1	426.00			
S26	1					1	426.00					1	426.00																	6
28	22	3	21,250.00											3	21,250.00					3	21,250.00	3	21,250.00							
28	23	12	167,624.00	12	167,624.00	2	733.20					2	733.20							12	167,624.00	14	168,357.20			2	733.20			3
28	24	4	7,375.00	3	3,375.00	2	35.25					2	35.25	1	3,400.00					4	7,375.00	6	7,410.25	2	2,885.50	4	2,920.75			1
28	25	1	1,850.00			1	2,969.00					1	2,969.00	1	1,850.00					1	1,850.00	2	4,819.00			1	2,969.00			
28-24 C.L.	1 & 2	1	225.00											1	225.00					1	225.00	1	225.00	1	50.00	1	50.00			2
28-29 Conn	1 EXT.																													19
28-29-31	at SOM'VE	1	52,150.00	1	52,150.00															1	52,150.00	1	52,150.00							1
S28	1																													
29	2D	15	74,265.00	7	19,075.00	6	5,959.00	4	9,665.00			2	2,550.00	4	44,625.00	4	3,354.00	4	3,354.00	19	77,619.00	21	80,973.00	9	11,651.25	11	14,201.25			1
29	2D	10	57,575.05	5	18,675.05									5	38,900.00					10	57,575.05	10	57,575.05	2	5,237.50	2	5,237.50			
29	3																													1
29	3B-1C-2C	5	6,263.20	2	5,025.00	3	914.50	1	238.20	1	775.00	1	271.40	2	1,000.00	1	1,000.00	2	1,855.00	7	8,118.20	8	8,309.60	2	630.30	3	901.70			3
29	3C																													2
29	4W															1	250.00	1	250.00	1	250.00	1	250.00							
29	6																													1
29	6A					1	100.00					1	100.00									1	100.00			1	100.00			2
29A	2																													2
31	3	1	75.00	1	75.00															1	75.00	1	75.00							
31	11	1	800.00	1	800.00	1	65.00			1	65.00							1	65.00	2	865.00	2	865.00	1	398.25	1	398.25			4
S31	3	2	217.48	2	217.48											1	25.00	1	25.00	3	242.48	3	242.48	2	110.00	2	110.00			
S31	4															1	346.50	1	346.50	1	346.50	1	346.50							1
S31	5																													12
33	3B & 3C																													1
33	15	1	1.00	1	1.00															1	1.00	1	1.00							
33-35 Conn	1	7	3,810.00	4	3,010.00	7	960.00	1	300.00			6	780.00	2	500.00	1	1,500.00	1	1,500.00	8	5,310.00	14	6,000.00	1	210.00	7	1,020.00			9
34	3W	1	50.00	1	50.00															1	50.00	1	50.00							2
34	4	1	9,869.25	1	9,869.25															1	9,869.25	1	9,869.25	1	33.10	1	33.10			1
TOTAL	SHEET 2	76	539,034.78	48	400,731.50	33	45,993.53	6	10,203.20	2	840.00	25	41,696.43	22	128,100.00	9	6,555.50	11	7,395.50	87	546,430.28	112	588,126.71	25	21,804.90	50	63,501.33			

9	10		11		12		13		14
DS ITS TO	TOTAL SETTLED CASES		TOTAL CASES INCLUDING NET CONDEMNATIONS AUTHORIZED		AUTHORIZED BEFORE JANUARY 1, 1941 OLD CONDEMNATION CASES PENDING		TOTAL CONDEMNATION CASES PENDING		OPEN CASES
	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO.
0	1	400.00	1	400.00					
	16	48,685.00	17	48,860.00			1	175.00	46
	1	350.00	1	350.00					
					1	60.00	1	60.00	
									2
	1	900.00	1	900.00					1
					1	500.00	1	500.00	
	1	90.00	14	1,555.00	13	1,370.00	26	2,835.00	
					1	200.00	1	200.00	
	9	70,329.00	13	91,555.16			4	21,226.16	14
	5	14,610.00	5	14,610.00					2
9	3	406,200.59	3	406,200.59					3
					1	10.00	1	10.00	
									1
									1
	45	110,968.00	52	116,010.15			7	5,042.15	9
	1	1,143.75	1	1,143.75					
									1
	7	65,528.00	8	109,124.25			1	43,596.25	1
									1
	1	300.00	1	300.00					9
	1	12,000.00	1	12,000.00					3
5	21	29,305.20	29	47,066.53	8	8,436.79	16	26,758.12	7
									1
	1	1,365.00	1	1,365.00					
	3	3,850.00	3	3,850.00					
	1	6,500.00	1	6,500.00					1
	5	20,550.00	5	20,550.00					6
0	1	105.00	1	105.00					
	1	100.00	1	100.00					
									1
	1	2,000.00	1	2,000.00					
	2	6,300.00	2	6,300.00					
	2	600.00	2	600.00					
	1	50.00	1	50.00					
0	81	130,262.16	102	136,938.35	2	220.32	23	6,896.51	2
	3	3,368.00	3	3,368.00					
									1
	1	50.00	1	50.00					
					1	4.50	1	4.50	
			1	490.00			1	490.00	
			1	25.00			1	25.00	
0	82	159,888.34	90	163,288.96			8	3,400.62	9
	9	16,534.77	11	17,014.77	1	518.20	3	998.20	1
					1	1,388.16	1	1,388.16	
4	307	1,112,692.81	374	1,213,590.51	30	12,707.97	97	113,605.67	123

ANALYSIS OF 1941 RIGHT OF WAY ACQUISITION

1927 ROUTE NUMBERS		1 TOTAL AGREEMENTS		2 ORIGINAL AGREEMENTS		CONDEMNATION: 3 TOTAL CONDEMNATIONS AUTHORIZED		CONDEMNATION: 4 SETTLED BY COMPROMISORY AGREEMENTS		CONDEMNATION: 5 APPROVED AWARDS OR SETTLEMENTS SUBSEQUENT TO AWARDS		CONDEMNATION: 6 PENDING		OLD CONDEMNATION SETTLED IN 1941: 7 BY AGREEMENT		OLD CONDEMNATION SETTLED IN 1941: 8 BY AWARD OR SUBSEQUENT TO AWARDS		9 TOTAL AWARDS APPROVED OR SETTLEMENTS SUBSEQUENT TO AWARDS		10 TOTAL SETTLED CASES		11 TOTAL CASES INCLUDING NET CONDEMNATIONS AUTHORIZED		12 AUTHORIZED BEFORE JANUARY 1, 1941 OLD CONDEMNATION CASES PENDING		13 TOTAL CONDEMNATION CASES PENDING		14 OPEN CASES
ROUTE	SECTION	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO	AMOUNT	NO.
34	5															1	400.00	1	400.00	1	400.00	1	400.00							
34	G&7 WID	16	48,685.00	16	48,685.00	1	175.00					1	175.00							16	48,685.00	17	48,860.00					1	175.00	46
34	7	1	350.00	1	350.00															1	350.00	1	350.00							
35	1																							1	60.00	1	60.00			
35	8A																													2
35	9	1	900.00	1	900.00															1	900.00	1	900.00							1
35	10																							1	500.00	1	500.00			
ASBURY AV.	WIDENING	1	90.00	1	90.00	13	1,465.00					13	1,465.00							1	90.00	14	1,555.00	13	1,370.00	26	2,835.00			
35	37																							1	200.00	1	200.00			
35	38	9	70,329.00	9	70,329.00	4	21,226.16					4	21,226.16							9	70,329.00	13	91,555.16			4	21,226.16	14		
35-4N CONN.	1	5	14,610.00	5	14,610.00															5	14,610.00	5	14,610.00					2		
35 EXT.	12-13-14	1	1,500.00	1	1,500.00											2	404,700.59	2	404,700.59	3	406,200.59	3	406,200.59					3		
36	3																							1	10.00	1	10.00			
37	14																											1		
38	2W																											1		
38	4	45	110,968.00	44	106,468.00	8	8,467.15	1	4,500.00			7	5,042.15							45	110,968.00	52	116,010.15			7	5,042.15	9		
38	5	1	1,443.75	1	1,443.75															1	1,443.75	1	1,443.75							
38-41-541																												1		
39	1A & 1D	7	65,528.00	7	65,528.00	1	43,596.25					1	43,596.25							7	65,528.00	8	109,124.25			1	43,596.25	1		
39	3																											1		
40	2W	1	300.00	1	300.00															1	300.00	1	300.00					9		
40	5A	1	12,000.00											1	12,000.00					1	12,000.00	1	12,000.00					3		
40	5B	8	11,555.55	3	2,975.00	13	27,869.71	2	6,240.55	3	6,240.55	8	18,321.33	3	2,340.00	10	11,388.90	13	17,800.65	21	29,305.20	29	47,106.53	8	8,436.79	16	26,758.12	7		
40	6A																											1		
40	7	1	1,365.00	1	1,365.00															1	1,365.00	1	1,365.00							
40	8W	3	3,850.00	3	3,850.00															3	3,850.00	3	3,850.00							
40	9W	1	6,500.00	1	6,500.00															1	6,500.00	1	6,500.00					1		
40	10 & 11 WID	5	20,550.00	3	19,600.00									2	950.00					5	20,550.00	5	20,550.00					6		
S40	3															1	105.00	1	105.00	1	105.00	1	105.00							
41	1	1	100.00											1	100.00					1	100.00	1	100.00							
41	2																											1		
S41	1A	1	2,000.00											1	2,000.00					1	2,000.00	1	2,000.00							
S41	1W	2	6,300.00	2	6,300.00															2	6,300.00	2	6,300.00							
S41	2A & 3A	2	600.00	2	600.00															2	600.00	2	600.00							
S41	3	1	50.00	1	50.00															1	50.00	1	50.00							
S41	3B & 4A	80	128,962.16	61	77,044.96	41	41,694.94	19	51,917.20	1	1,300.00	21	6,676.19					1	1,300.00	81	130,262.16	102	136,938.35	2	220.32	23	6,896.51	2		
S41	4	3	3,368.00	3	3,368.00															3	3,368.00	3	3,368.00							
42	3A																											1		
42	4	1	50.00	1	50.00															1	50.00	1	50.00							
43	12A																							1	4.50	1	4.50			
44	2A-4A & 7					1	490.00					1	490.00									1	490.00			1	490.00			
44	4					1	25.00					1	25.00									1	25.00			1	25.00			
44	9	81	157,888.34	72	146,913.34	18	15,472.25	9	10,975.00	1	2,000.00	8	3,400.62					1	2,000.00	82	159,888.34	90	163,288.96			8	3,400.62	9		
44	10	9	16,534.77	3	5,911.77	5	2,758.52	3	4,073.00			2	480.00	3	6,550.00					9	16,534.77	11	17,014.77	1	518.20	3	998.20	1		
S44	1																							1	1,388.16	1	1,388.16			
TOTAL SHEET #3		289	686,377.57	243	581,731.82	106	163,239.98	34	77,705.75	5	9,720.75	67	100,897.70	11	23,940.00	14	416,594.49	19	426,315.24	307	1,112,692.81	374	1,213,590.51	30	12,707.97	97	113,605.67	123		

ANALYSIS OF 1941 RIGHT OF WAY ACQUISITION

1927 Route Numbers		1 Total Agreements		2 Original Agreements		Condemnation: 3 Total Condemnations Authorized		Condemnation: 4 Settled by Compromisory Agreements		Condemnation: 5 Approved Awards or Settlements Subsequent to Awards		Condemnation: 6 Pending		Old Condemnation Settled in 1941: 7 By Agreement		Old Condemnation Settled in 1941: 8 By Award or Subsequent to Awards		9 Total Awards Approved or Settlements Subsequent to Awards		10 Total Settled Cases		11 Total Cases Including Net Condemnations Authorized		12 Authorized Before January 1, 1941 Old Condemnation Cases Pending		13 Total Condemnation Cases Pending		14 Open Cases
Route	Section	No	Amount	No	Amount	No	Amount	No	Amount	No	Amount	No	Amount	No	Amount	No	Amount	No	Amount	No	Amount	No	Amount	No	Amount	No	Amount	No.
45	2	3	401.00	3	401.00	1	323.00					1	323.00							3	401.00	4	724.00			1	323.00	1
46	6																							2	28.70	2	28.70	
47	2																							1	1.00	1	1.00	
47	9	2	150.00	2	150.00															2	150.00	2	150.00					
47	11																											1
47	12																							1	1,027.20	1	1,027.20	
48	21																							1	50.00	1	50.00	
48	22	2	125.00	1	75.00	1	35.00	1	50.00							1	59.80	1	59.80	3	184.80	3	184.80					
48	23																							1	74.88	1	74.88	
48	24	1	2,186.00	1	2,136.00	1	50.00					1	50.00			6	465.00	6	465.00	7	2,661.00	8	2,711.00			1	50.00	1
48	25	3	352.00	2	[illegible]									1	350.00					3	350.00	3	352.00					
48	NB & R SHARPTOWN	1	200.00	1	200.00															1	200.00	1	200.00					1
49	13W	1	1.00	1	1.00															1	1.00	1	1.00					1
49	16					1	475.00			1	1,350.00					1	100.00	2	1,450.00	2	1,450.00	2	1,450.00					1
S49	3															1	10.00	1	10.00	1	10.00	1	10.00					
S49	5																											33
51	2	1	105.00	1	105.00															1	105.00	1	105.00	1	108.30	1	108.80	
52	1																											1
54	1	12	8,234.35	9	7,677.00	11	3,271.23	2	516.25	1	225.00	8	2,644.98	1	141.10	7	425.54	8	650.54	20	8,338.00	28	11,529.87	13	5,577.02	21	8,222.00	2
56	1																											1
S100	AT ELIZABETH	3	71,568.00	3	71,568.00															3	71,568.00	3	71,568.00					
Total		29	85,332.35	24	82,275.00	15	4,154.23	3	566.25	2	1,575.00	10	3,017.98	2	491.10	16	1,060.34	18	2,635.34	47	85,967.69	57	88,285.67	20	7,590.30	30	10,416.23	43
1,17 routes [illegible]																												
1 [illegible]	14																											1
3	10	1	50.00	1	50.00															1	50.00	1	50.00					1
3	13	6	1,[illegible]	6	1,[illegible]	4	86.65			3	25.00	1	61.65					3	25.00	9	1,083.35	10	1,1[illegible].00	1	125.00	2	186.65	
3	14	1	200.00	1	200.00															1	200.00	1	200.00					
[illegible]	9	1	75.00	1	75.00															1	75.00	1	75.00					1
4	CAPE MAY	2	101.00	2	101.00															2	101.00	2	101.00					
1[illegible]	2 & 3																							1	3.40	1	3.40	
15	8																							1	270.00	1	270.00	
16	6A	1	500.00	1	500.00															1	500.00	1	500.00					
18	2																											1
18	19																							1	10.00	1	10.00	
20	7																							1	50.00	1	50.00	
TOTAL 1917	ROUTES	12	1,984.35	12	1,984.35	4	86.65	-	-	3	25.00	1	61.65	-	-	-	-	3	25.00	15	2,009.35	16	2,071.00	5	456.40	6	520.05	4
Sheet No. 1		53	439,547.87	50	410,757.37	19	40,923.31	1	9,700.00	-	-	18	35,018.31	2	11,060.00	8	2,006.00	8	2,006.00	61	441,553.37		476,022.13	12	1,07[illegible].00	30	142,111.1	228
"	" 2	[illegible]	539,[illegible].78	43	400,[illegible]	[illegible]	[illegible]	6	1[illegible]	2	[illegible]	25	[illegible]	22	12[illegible].00	9	6,555.50	11	7,[illegible]	37	5[illegible].30.08	112	5[illegible].71	25	21,[illegible]	50	63,[illegible]	102
"	" 3	288	6[illegible].57	243	581,721.12	106	16,[illegible]	34	7[illegible].25	5	9,720.75	67	1[illegible]	11	2[illegible].00	14	1,16[illegible].49	14	1,[illegible].24	307	1,112,[illegible].1	374	1,21[illegible].1	30	12,[illegible].7	97	113,[illegible].7	123
"	" 1	-	[illegible].35	24	82,27[illegible]	15	4,154.23	3	566.25	2	1,575.00	10	3,017.98	2	[illegible].10	16	1,060.34	18	2,635.34	47	85,967.69		88,285.67	20	7,[illegible].30	30	10,416.23	43
1917	Routes	12	1,984.35	12	1,984.35	4	86.65	-	-	3	25.00	1	61.65	-	-	-	-	3	25.00	15	2,009.35	[illegible]	2,071.00	5	456.40	6	520.05	4
Grand	Total	458	1,750,276.92	377	1,[illegible],516.62	177	29[illegible],397.70	4	98,175.20	12	12,160.75	121	160,722.07	37	163,591.10	47	426,216.33	59	438,377.08	517	2,188,651.00	638	2,369,376.07	92	148,633.17	213	670,355.[illegible]	500

ANNUAL REPORT

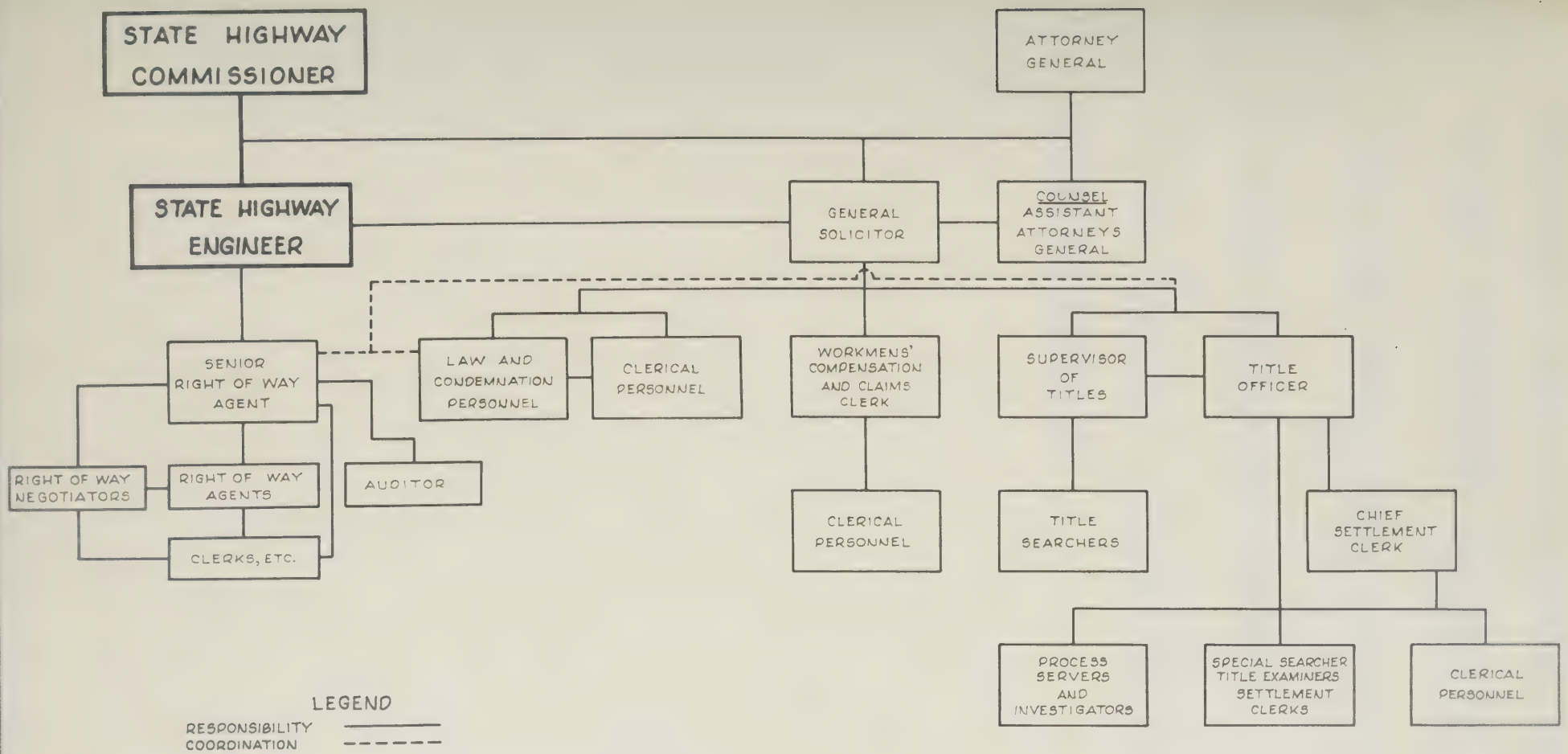
OF THE

LEGAL DIVISION

NEW JERSEY STATE HIGHWAY DEPARTMENT

FOR THE YEAR

1941



NEW JERSEY STATE HIGHWAY DEPT.

LEGAL DIVISION ORGANIZATION

1941

Gerner
Loner

is a report of the condemnation work throughout the State and other miscellaneous work from January 1, 1941 to

Awards Appealed	Jury Verdicts	Awards Appealed	Settled before Trials	Hearings Pending	Appeals Pending
1 $651.70 (To be tried)		2 $5,388.00	2 $6,300.00	6	1
				1	
				11	
				4	

Honorable E. Donald Sterner
State Highway Commissioner
Trenton, New Jersey

Dear Commissioner:

Following is a report of the condemnation work throughout the State according to counties and other miscellaneous work from January 1, 1941 to January 1, 1942.

Number of Cases	Settlements after institution of proceedings	Awards Paid	Awards Appealed	Jury Verdicts	Awards Appealed	Settled before Trials	Hearings Pending	Appeals Pending
County Atlantic 19		18 $1,200.34 1 $138.00 (No action by Commissioner)						
Burlington 24	2 $5,250.00	11 $10,962.25 2 $1,062.56 (No action by Commissioner)	1 $651.70 (To be tried)		2 $5,388.00	2 $6,300.00	6	1
Bergen 6		5 $381.00					1	
Camden 18	6 $24,203.60	1 $1,300.00					11	
Cape May 3	1 $1,350.00	2 $110.00						
Gloucester 5		1 $2,000.00					4	

Awards Appealed	Jury Verdicts	Awards Appealed	Settled before Trials	Hearings Pending	Appeals Pending
				4	
1 $116,990.00 (To be tried)					1
1 $290,297.00 (Further Appeal by State - Court of Errors affirmed judgment of lower court.)	$404,350.59				
				1	
				1	
6 $41,969.00 (To be tried)		1 $675.00	1 $775.00		6
2 $5,350.00	2 $2,321.47				
8 $159,610.70 (To be tried		3 $6,063.00	3 $7,075.00	28	8
1 $290,297.00 (Further Appeal by State - Court of Errors affirmed judgment of lower court.)	1 $404,350.59				
2 $5,350.00	2 $2,321.47				

County	Number of Cases	Settlements after institution of proceedings	Awards Paid	Awards Appealed	Jury Verdicts	Awards Appealed	Settled before Trials	Hearings Pending	Appeals Pending
Hunterdon	6	1 $1,150.00	1 $250.00					4	
Mercer	1			1 $116,990.00 (To be tried)					1
Middlesex	4	3-$18,600.00		1 $290,297.00 (Further Appeal by State - Court of Errors affirmed judgment of lower court.)	$404,350.59				
Monmouth	3		3 $1,925.00						
Morris	2		1 $1,350.00					1	
Sussex	4		3 $436.50					1	
Union	14	2 $638.20	3 $1,530.00	6 $41,969.00 (To be tried) 2 $5,350.00	2 $2,321.47	1 $675.00	1 $775.00		6
Totals	109	15- $51,191.80	49 $21,445.09 3 $1,200.56 (No action by Commissioner)	8 $159,610.70 (To be tried 1 $290,297.00 (Further Appeal by State - Court of Errors affirmed judgment of lower court.) 2 $5,350.00	1 $404,350.59 2 $2,321.47	3 $6,063.00	3 $7,075.00	28	8

R A R Y

nuary 1, 1942 after institution of proceedings.....15 Cases
ents.....$51,191.80

1, 1942.....52 Cases
.....$21,445.09
the action of the
.....$1,200.56

peals were tried.....3 Cases
amount of $6,063.00 and settled for.....$7,075.00

January 1, 1942.....3 Cases
d totaling $5,350.00 on which verdicts amount to $2,321.47
in the amount of $290,297.00 on which a verdict
n the amount of $404,350.59. State took further
rt of Errors and Appeals affirmed judgment of

d totaling $159,610.70 on which appeals have not

Court.....8 Cases
oners.....28 Cases
aiting title data.....122 Cases
eld for various reasons.....28 Cases
aiting the action of the
.....3 Cases

TOTAL NUMBER OF CASES PENDING.....189 Cases

S U M M A R Y

Settlements from January 1, 1941 to January 1, 1942 after institution of proceedings.....15 Cases
Amount of Settlements.....$51,191.80

Awards from January 1, 1941 to January 1, 1942.....52 Cases
49 Awards Paid.....$21,445.09
3 Awards pending the action of the Commissioner.....$1,200.56

Settlements after awards and before appeals were tried.....3 Cases
3 Awards in the amount of $6,063.00 and settled for.....$7,075.00

Appeals tried from January 1, 1941 to January 1, 1942.....3 Cases
2 Awards appealed totaling $5,350.00 on which verdicts amount to $2,321.47
1 Award appealed in the amount of $290,297.00 on which a verdict was rendered in the amount of $404,350.59. State took further appeal and Court of Errors and Appeals affirmed judgment of lower court.
8 Awards appealed totaling $159,610.70 on which appeals have not been tried.

Cases awaiting trials in the Circuit Court.....8 Cases
Cases awaiting hearing before commissioners.....28 Cases
Cases to be started on which we are awaiting title data.....122 Cases
Cases to be started which are being held for various reasons.....28 Cases
Cases on which awards were made and awaiting the action of the Commissioner.....3 Cases

TOTAL NUMBER OF CASES PENDING.....189 Cases

of other miscellaneous work from January 1, 1941 to

cases

ery
nt
eing dismissed in a Foreclosure Suit

ing to deny the right of State to

nation of law, preparation of briefs and
etc.
llage of Ridgewood)

Utility Commissioners on Grade Crossing matters ..... 23 Cases

e Policies.
l contracts for the sale of used
and oil drums.

ment of awards into the Court of Chancery, including
notices in each case.
pproved.

s to execution on right of way claims.
ts prepared for execution by municipalities
ing highway lighting and traffic signals, and
d agreements after execution.

Following is a summary of other miscellaneous work from January 1, 1941 to January 1, 1942:

3 Specific Performance cases
1 Ejectment case
2 Injunction cases
1 Interpleader in Chancery
1 Removal of Encroachment
1 Case covering State being dismissed in a Foreclosure Suit
1 Claim
2 Certiorari cases seeking to deny the right of State to take certain land.
5 Cases involving examination of law, preparation of briefs and appearances in court, etc.
1 Claim for Damages (Village of Ridgewood)
1 Change of Ordinance
4 Cases before Board of Utility Commissioners on Grade Crossing matters ..... 23 Cases

Examination of Insurance Policies.
Preparation of bids and contracts for the sale of used automotive equipment and oil drums.

34 Cases involving payment of awards into the Court of Chancery, including petition, order and notices in each case.
314 Sixty year titles approved.
621 Deeds Approved.
581 Invoices approved as to execution on right of way claims.
209 Electrical agreements prepared for execution by municipalities and counties involving highway lighting and traffic signals, and the approval of said agreements after execution.

of the work accomplished by the Compensation and Claims
t Counsel assigned to that office from January 1, 1941

nding)
'ending)

ceived, examined and in some cases investigated
TOTAL number of claims handled.....670

ses

by settlement, or by decision of the Workmen's
eau, after hearings, either formal or informal.
w in Workmen's Compensation Bureau, or which
d to Bureau.
reports received, examined and in some cases

Common Pleas Court
TOTAL number of claims handled.....464

ases involving investigations and reports in connection
l of employees from service; preparing for and
nection with dismissals on charges, and in con-
e why certain applicants should not be employed or
ment; conducting investigations with reference to
g releases and obtaining execution of same, approving
r other Divisions; investigations of liability for
s, adjusting of medical and hospital bills; legal
of maritime accidents involving our bridges;
ees and insurance company representatives; preparing
drafting bond form; specific performance; etc.

The following is a summary of the work accomplished by the Compensation and Claims Office and of the Assistant Counsel assigned to that office from January 1, 1941 to January 1, 1942.

Damage Claims

381 Claims Pending
1 Supreme Court (Pending)
10 District Court (Pending)
1 Claim Cancelled
17 Claims Settled
260 Damage reports received, examined and in some cases investigated
TOTAL number of claims handled.....670

Workmen's Compensation Cases

12 Cases closed out by settlement, or by decision of the Workmen's Compensation Bureau, after hearings, either formal or informal.
14 Pending cases now in Workmen's Compensation Bureau, or which will be submitted to Bureau.
437 Personal injury reports received, examined and in some cases investigated.
1 Case appealed to Common Pleas Court
TOTAL number of claims handled.....464

Miscellaneous

Miscellaneous cases involving investigations and reports in connection with discharge and removal of employees from service; preparing for and attending hearings in connection with dismissals on charges, and in connection with showing cause why certain applicants should not be employed or re-employed by the Department; conducting investigations with reference to personnel matters; drawing releases and obtaining execution of same, approving of releases as to form for other Divisions; investigations of liability for medical and hospital bills, adjusting of medical and hospital bills; legal memoranda; investigations of maritime accidents involving our bridges; interviews between employees and insurance company representatives; preparing and mailing of subpoenas; drafting bond form; specific performance; etc.

t Aid rendered - received and examined.....275
st Aid replacements for First Aid Kits..... 90

sical Examinations.....674
Hospital visits made on employees injured in
.....64
ions.....25 89

.ed: Informal.....16
Formal.....11
Police Court..... 1
On Dismissal..... 2
Before Medical
ArbitrationCommittee.. 1..... 31

Court on hearings by Assistant Counsel..... 16

David T. Wilentz
David T. Wilentz
Attorney General of New Jersey

William A. O'Brien
William A. O'Brien
Counsel, State Highway Department

1 16, 1942

Reports of First Aid rendered - received and examined.....275
Issuance of First Aid replacements for First Aid Kits..... 90

Medical and physical Examinations.....674
House calls or Hospital visits made on employees injured in
line of duty.....64
Office Examinations.....25 89

Hearings Attended: Informal.....16
Formal.....11
Police Court..... 1
On Dismissal..... 2
Before Medical
ArbitrationCommittee.. 1..... 31

Appearances in Court on hearings by Assistant Counsel..... 16

David T. Wilentz
David T. Wilentz
Attorney General of New Jersey

William A. O'Brien
William A. O'Brien
Counsel, State Highway Department

Dated: March 16, 1942

REPORT OF OPERATIONS OF THE TITLE BUREAU FOR THE YEAR 1941.

Title searches made in County Offices - - - -	856
Supplementary title searches - - - - - - - - -	1272
Judgment searches - number of names - - - - -	4448
Analysis of searches and title reports - - -	728
Title reports furnished Attorney General - -	83
Instruments of conveyance prepared - - - - -	760
Condemnation notices served - - - - - - - - - -	630
Special investigations concerning titles - -	930

CLAIMS PAID

Number of cases - - - - - - - - - - - - - -	620
Total amount - - - - - - - - - - -	$2,461,406.82

ANNUAL REPORT

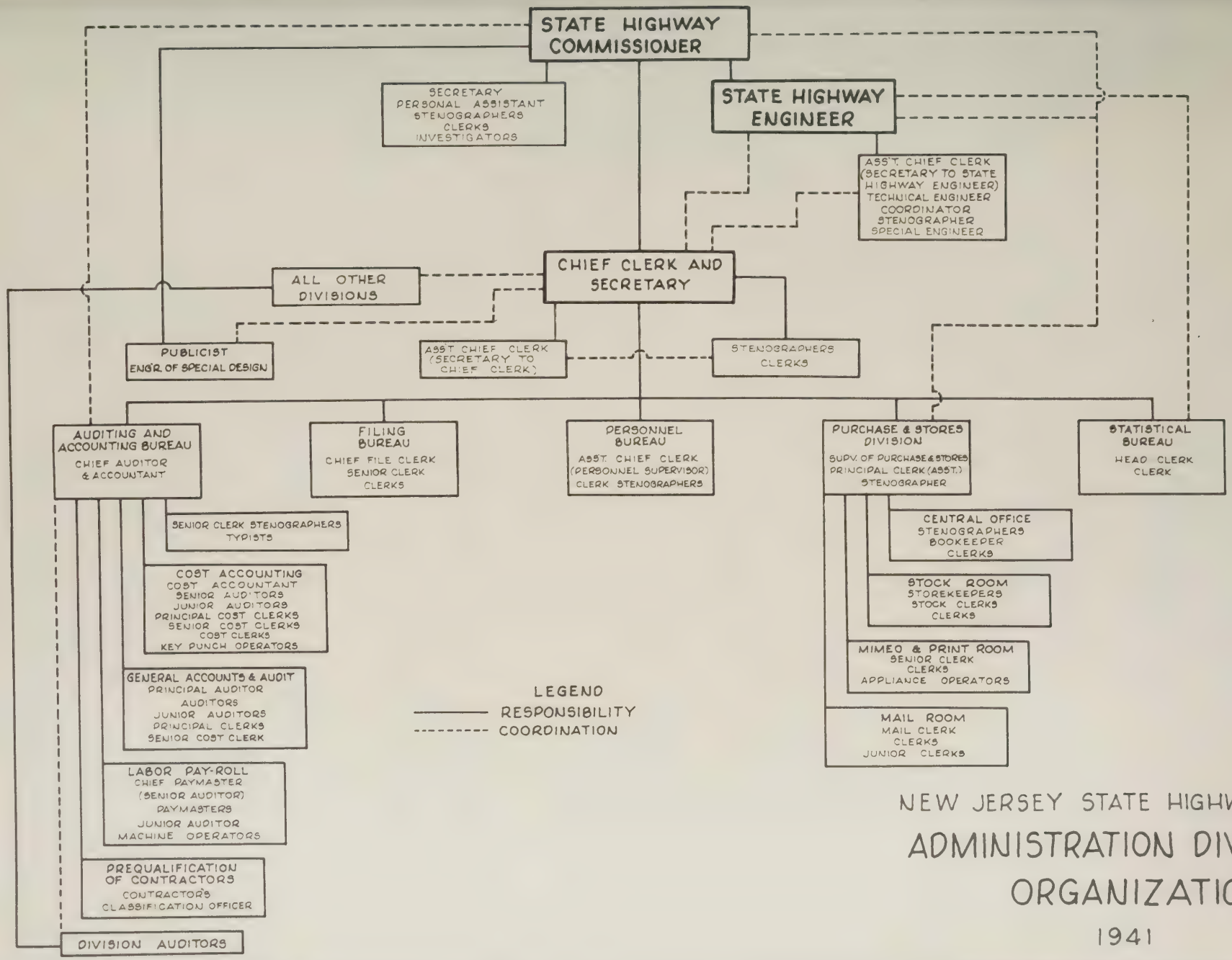
OF THE

AUDITING AND ACCOUNTING BUREAU

NEW JERSEY STATE HIGHWAY DEPARTMENT

FOR THE YEAR

1941



NEW JERSEY STATE HIGHWAY DEPT.

ADMINISTRATION DIVISION ORGANIZATION

1941

May 1, 1942.

ANNUAL REPORT - 1941.

ADMINISTRATION
PURCHASE & STORES DIVISION

With the close of 1941, there appears to be little hope of relief from the mad rush which is usually found in a Purchasing Division. This rush could be relieved considerably if a little forethought could be given by those in other divisions regarding the possible future requirements of their divisions. In many instances, plans for a particular job are discussed for weeks or months, but when the need for materials is determined there must be no delay for any cause. In some instances where materials are ordered to do a particular job, it is found on delivery that one item has been omitted. This necessitates a repetition of every effort put forth in order to complete the requirements first itemized. In these cases, as above stated, the duplication of work could be eliminated by forethought, but for some unknown reason, it is almost impossible to complete a job without backtracking. This condition is not one peculiar only to the divisions of the Highway Department, but can be found in any job, whether contract or otherwise.

As in former years, stocks of office supplies, automobile parts, and maintenance tools and supplies have been maintained in order to supply the needs of the Department on all items which are used year after year. This makes it possible in many instances for us to expedite delivery of items to other divisions in considerably shorter time than is required to secure specialties which are ordered and used by any one particular division.

As in past years, the supplies delivered from the Purchase and Stores Division to various divisions in the Highway Department have been charged out on a quarterly basis and while the charges are made on a non-profit basis, the cost of such materials in some instances runs very high. During 1941 the charges against the various divisions are as follows:

Charges for material delivered to other Divisions from Administration Stock Room.

Construction	$ 2,748.59
Electrical	1,292.57
Equipment	606.83
Laboratory	1,071.06
Maintenance	4,102.01
Medical	4.30
Projects	5,236.52
Real Estate	802.75
Total	$15,864.63

The amounts shown in this report are slightly lower than those for the year 1940.

During 1941 a total of 4,300 orders were placed, either by the State Purchasing Department for new purchases on the various accounts of the Highway Department, or by the Purchase and Stores Division for repair work. The orders which are enumerated below show a total slightly lower than was spent by the Purchase and Stores Division in 1940.

Account	No. of Orders	Approximate Value in Money
Highway P.O.	493	$ 28,491.03
R-8-A	2600	653,900.63
R-8-F	1196	686,914.58
R-8-D	10	155,523.73
R-8-G	1	1,500.00
	4300	$1,526,329.97

The Order Requests shown in the list below which were prepared by the various divisions total 3,064.

1941 Order Requests

Administration	159
Maintenance	1289
Equipment	119
Projects	90
Electrical	193
Purchase & Stores	731
Real Estate	21
Construction	317
Laboratory	133
W.P.A.	12
Total	3064

I cannot refrain from again calling attention to the fact that the Purchase & Stores Division is terribly cramped for floor space in each of its sub-divisions.

The parts and supply inventories have shown a definite increase due to our inability to secure materials when needed and our desire to be in a position to supply items as and when required.

The amount of work done in our Duplicating Room has also increased considerably and although we have doubled the force in the past six years, the work is still being done in the same amount of floor space as was originally assigned in 1929. The preparation of forms has continued to increase in the Duplicating Room and the quality of the work has improved with the increase in production.

The Mail Room is badly undermanned due to enlistments and also the draft. Unfortunately, it is practically impossible to secure replacement help and for this reason, all offices in the Purchase & Stores Division are working shorthanded.

R. W. Wildblood,
Supv., Purchase & Stores Div.

FINANCIAL REPORT

YEAR 1941

OF THE

STATE HIGHWAY DEPARTMENT

STATE OF NEW JERSEY

AUDITING AND ACCOUNTING BUREAU

STATE OF NEW JERSEY
STATE HIGHWAY DEPARTMENT

* C O M M E N T S *

F u n d s

The total amount of revenue anticipated to be available for appropriations from the State Highway Fund as shown by the Appropriation Act of the year 1941 was $50,629,000.00. Of this amount $6,500,000.00 was reserved to the State Fund for Municipal Aid and National Defense, leaving available for appropriation $44,129,000.00. This estimated amount was adjusted by the following actual receipts accomplished during the year:

The anticipated unappropriated balance as of January 1, 1941, was increased by the cancellation of the 1938 appropriation for maintenance of Delaware & Raritan Canal bridges, by direction of the State Comptroller, in the amount of $13,740.42, and the difference between the estimated Unappropriated Balance $800,000.00, and the actual amount of this balance, $826,413.13, an increase of $40,153.55.

The revenue anticipated by the Motor Vehicle Department from motor vehicle fees, fines, etc., was $22,176,000.00. The actual amount received was $23,232,-774.60, an increase of $1,056,774.60.

The revenue anticipated by the Motor Vehicle Department from motor vehicle inspection fees was $1,000,000.00. The actual revenue received was $1,022,387.10, an increase of $22,387.10.

The revenue anticipated by the Gas Tax Division from the tax on motor fuels was $24,700,000.00. The actual revenue received was $26,307,130.18, an increase of $1,607,130.18.

The anticipated revenue from Bus Excise Tax was $100,000.00. The actual revenue received was $104,468.28, an increase of $4,468.28.

The revenue anticipated from the Federal Government on a 50% basis was $1,553,000.00. The actual allotment received was $1,504,171.00, an underrun of $48,829.00.

The anticipated revenue from Miscellaneous Sources was $300,000.00. The actual revenue, including depreciation charges to operating accounts (Contra) was $516,378.08, an increase of $216,378.08.

The total of the above adjustments increased the revenue available for the year by $2,898,462.79, making a total of $47,027,462.79 available for appropriations.

A p p r o p r i a t i o n s

The total appropriations originally made amounted to $44,129,000.00. The following additional appropriations, however, were made during the year:

Claims for additional compensation, Shark River Bridge	$ 26,581.53
State Police	139,880.00
Board of Commerce & Navigation	164,000.00
Delaware & Raritan Canal Commission	2,000.00
T o t a l -	$332,461.53

Appropriations
(contd.)

and the following reductions of appropriations were made during the year:

Debt Service - Interest on Relief Bonds	$ 88,240.88
Compensation Awards	1,895.00
Total -	$ 90,135.88

the net effect being to increase the charges against the year's revenue by $242,325.65, increasing the total to $44,371,325.65, and resulting in an unappropriated balance as of December 31, 1941, of $2,656,137.14.

Of the total amount appropriated in the year 1941 from the State Highway Fund, not including the $6,500,000.00 reserved to the State Fund for Municipal Aid and National Defense, $19,761,410.17, which included $1,504,171.00 of Federal Aid Funds, was appropriated to the State Highway Department for the Construction, Maintenance, and Lighting of Roads and Bridges of the State Highway System, for Institutional Roads and Approaches, and for Administration, Engineering, Inspection, and Administrative Costs of Acquiring Right of Way, the balance of $24,609,915.48 being appropriated to the State Treasurer for Debt Service, Aid to Counties, Townships and Boros, and to various State departments (See Schedule "B").

Federal Aid (Special Allotments)

In addition to the funds becoming available to the State Highway Department from Federal Aid set forth in the State Highway Fund appropriations, the Federal Government in the year 1941 allotted $379,668.00 for the purpose of eliminating Grade Crossings and Hazards, the Federal Government paying 100% of the cost of such work, the funds to be expended under the supervision of the State Highway Department.

General

Schedule "A" of this report states the revised revenues and appropriations of the State Highway Fund as of the close of the fiscal year, December 31,1941.

Schedule "B" gives the status of all appropriations administered by the State Highway Department. It sets forth the Balance of Appropriations and Commitments forward as of January 1, 1941, the Appropriations made available to the Department during the year 1941, and Total Allocation of these funds for the year 1941, together with the Disbursements from them, the Outstanding Contracts and Commitments as of December 31, 1941, and the Unexpended Balance of Appropriations as of December 31, 1941.

Schedule "C" is a statement of the Assets and Liabilities of the State Highway Fund as of December 31, 1941, giving the comparison as of the same date the previous year.

The balance of the schedules of this report contain the supporting detail of expenditures and commitments set forth in total on Schedule "B".

INDEX

STATE HIGHWAY DEPARTMENT REPORT
YEAR - 1941

INDEX
(2)

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M. L. HOWELL
CHIEF AUDITOR AND ACCOUNTANT

State of New Jersey
State Highway Fund
Statement of Revenues and Appropriations
Year - 1941

Schedule "A"

- FUNDS -		
Unappropriated Balance, January 1, 1941	$	$ 840,153.55(A)
Motor Vehicle Fees, Fines, etc., 1941	23,223,010.13	
" " " " "(Restricted Funds)	9,764.47	23,232,774.60
" " Inspection Fees		1,022,387.10
Tax on Motor Fuels, etc., 1941	$28,900,110.26	
Less Refunds to Users	2,592,980.08	26,307,130.18
Bus Excise Taxes		104,468.28
Federal Aid Regular, & Secondary & Feeder Roads (50% Allotment)		1,504,171.00
Miscellaneous Revenue		516,378.08
Total Funds		$53,527,462.79
Less: Amount transferred to State Fund for Municipal Aid and National Defense -		6,500,000.00
		$47,027,462.79

(A) Increased $13,740.42. Balance of 1938 Appropriation for Maintenance of D.&R. Canal Bridges cancelled by Direction of State Comptroller.

- APPROPRIATED YEAR - 1941 -

State Treasurer Debt Service:			
State Highway Bonds		$ 5,704,349.25	
Relief Institutions and Agencies & Educational Aid Bonds		4,179,012.50	
Relief Bonds of 1939 Issue	$ 262,500.00		
Less amount taken from Racing Commission and Bond Sinking Fund & Surplus Account	88,240.88	174,259.12	$10,057,620.87
Funding $12,421,000.00 Bonds Authorized but not issued			621,050.00
County Aid			6,735,000.00
Township Aid			3,150,000.00
State Highway Department:			
Const. & Purch. of Right of Way State Highway, Motor Vehicle & Gas Tax Funds (100% State)		$ 7,079,828.64	
Const. of Rt. 25-A, including Roads, Bridges & Right of Way		1,000,000.00	
Federal Aid (Matched Money)		3,500,000.00	
Shark River Bridge (Claims)		26,581.53	
Maintenance of State Highway System		3,600,000.00	
Operation of Bridges		365,000.00	
Elec. Instal. & Maintenance		1,140,000.00	
Institutional Roads & Approaches		400,000.00	
Plant & Equipment		200,000.00	
Admin., Engr., Inspec. & Administrative Cost of Right of Way		2,450,000.00	19,761,410.17
Motor Vehicle Department			1,947,454.00
Motor Fuel Tax Division			231,189.00
Department of State Police			770,577.00
Board of Commerce and Navigation			809,000.00
Delaware River Joint Toll Bridge Commission			93,633.61
State Employees Retirement System			150,286.00
Water Policy Commission			13,000.00
Delaware and Raritan Canal Commission			2,000.00
Budget Department			3,000.00
Comptroller's Department			3,000.00
State House Commission			20,000.00
Compensation Awards		$ 5,000.00	
Less Amount not used		1,895.00	3,105.00
Total Appropriation -			$44,371,325.65
Unappropriated Balance, December 31, 1941			2,656,137.14
TOTAL			$47,027,462.79

Schedule "B"

State of New Jersey
State Highway Department
Status of Appropriations as of Dec. 31,1941

Classification of Expenditures	Balance of Approps. & Commitments Jan. 1,1941	1941 Appropria-ations	Transfers From	Transfers To	Allocation of Funds Year 1941	Disbursements to Dec. 31, 1941	Outstanding Contracts & Commitments Dec. 31,1941	Balance of Appropriations Dec. 31,1941
Construction of State Highway System:								
Road Construction Contracts	$ 5,799,289.72	$ 0	$ 333,357.32(A)	$4,270,921.22(B)	$ 9,736,853.62	$ 5,389,456.00	$ 4,347,397.62	$ 0
Bridge & Grade Crossing Contracts	1,721,270.05	0	133,026.88(A)	3,659,707.65(B)	5,247,950.82	1,179,234.17	4,068,716.65	0
Detours	1,300.00	0	1,300.00(A)	0	0	0	0	0
Purchase of Right of Way	6,374,447.12	0	0	2,867,911.41(B)	9,242,358.53	2,542,902.61	6,699,455.92	0
Balance of Construction Program:								
Motor Vehicle Fees,Fines,etc.	3,312,976.34	7,079,828.64	9,058,856.79(B)	283,267.03(A)	1,617,215.22	0	0	1,617,215.22
Federal Aid (Matched Money)	938,174.32	3,500,000.00	704,436.39(B)	188,019.59(A)	3,921,757.52	0	0	3,921,757.52(G)
Construction Rt. 25 Sec. A Road, Bridge & Right of Way	0	1,000,000.00	0	0	1,000,000.00	0	0	1,000,000.00
Bonds (See Purch. Right of Way)	251,224.23	0	251,224.23(B)	0	0	0	0	0
TOTAL STATE HIGHWAY CONSTRUCTION FUNDS	$18,398,681.78	11,579,828.64	$10,482,201.61	$11,269,826.90	$30,766,135.71	$ 9,111,592.78	$15,115,570.19	$ 6,538,972.74
W.P.A.Sponsor's Share-State Highway Projects	$ 2,504,241.64	$ 25.96(C)	$ 778,022.87	$ 0	$ 1,726,244.73	$ 1,014,419.49	$ 558,662.39	$ 153,162.85
Maintenance of State Highway System:								
Roads and Bridges	1,026,738.27	3,600,000.00	6,000.00	0	4,620,738.27	3,305,430.34	987,661.91	327,646.02
State Hwy. Lighting & Opera.of Bridges:								
Electrical Installation & Maint.	284,195.30	1,140,000.00	0	0	1,424,195.30	1,006,807.51	258,227.07	159,160.72
Operation of Bridges	4,525.00	365,000.00	0	0	369,525.00	309,097.10	6,842.95	53,584.95
Purchase of Plant and Equipment	176,593.47	200,000.00	0	0	376,593.47	295,978.08	74,447.36	6,168.03
Administration, Engineering, Inspection and Admin.Cost of Acquiring Right of Way	0	2,450,000.00	0	0	2,450,000.00	2,190,121.09	6,665.17	253,213.74
T O T A L -	$ 3,996,293.68	$7,755,025.96	$ 784,022.87	$ 0	$10,967,296.77	$ 8,121,853.61	$ 1,892,506.85	$ 952,936.31
Miscellaneous Projects:								
Institutional Roads & Approaches: Construction & Maintenance	$ 73,709.23	$ 400,000.00	$ 0	$ 0	$ 473,709.23	$ 400,908.98	$ 72,800.25	$ 0
Maint. of Bridges over D. & R. Canal ($13,740.42) (X)	0	0	0	0	0	0	0	0
T O T A L -	$ 73,709.23	$ 400,000.00	$ 0	$ 0	$ 473,709.23	$ 400,908.98	$ 72,800.25	$ 0
TOTAL (DEPARTMENTAL APPROPRIATIONS)	$22,468,684.69	19,734,854.60	$11,266,224.48	$11,269,826.90	$42,207,141.71	$17,634,355.37	$17,080,877.29	$ 7,491,909.05
County and Township Aid (Mandatory)								
County Aid:								
Maint.,Const.,Reconst. of Roads & Bridges, Bonds & Int., Police, Lighting,etc.	$ 1,012,426.93	$6,735,000.00	$ 153,279.46	$ 0	$ 7,594,147.47	$ 6,414,301.21	$ 1,179,846.26	$ 0
Township Aid:								
Construction	1,788,822.06	2,625,000.00	36,847.58	0	4,376,974.48	2,722,103.69	1,654,870.79	0
Maintenance	261,384.53	525,000.00	0	0	786,384.53	321,006.69	465,377.84	0
State Aid to County Appropriations: (Chap. 395, P. L. 1912)	12,789.03	0	0	0	12,789.03	0	12,789.03	0
TOTAL(COUNTY & TWP. AID APPROPRIATIONS)	$ 3,075,422.55	$9,885,000.00	$ 190,127.04	$ 0	$12,770,295.51	$ 9,457,411.59	$ 3,312,883.92	$ 0
Federal Aid (Special Allotments):								
Highway Projects W.P.A.(100%)	$ 7,991.09	$ 0	$ 0	$ 0	$ 7,991.09	$ 1,362.03(Cr)	$ 0	$ 9,353.12
Grade Crossing Projs. WPG(100%)	39,630.49	0	0	0	39,630.49	2,492.42	14,701.19	22,436.88
" " & Hazards (100%)	1,641,570.70	504,383.04(D)	0	0	2,145,953.74	757,615.46	524,753.12	863,585.16
Secondary & Feeder Roads(50%)	663,828.85	138,612.03(E)	3,602.42(F)	190,127.04	988,965.50	509,369.23	349,748.51	129,847.76
T O T A L -	$ 2,353,021.13	$ 642,995.07	$ 3,602.42	$ 190,127.04	$ 3,182,540.82	$ 1,268,115.08	$ 889,202.82	$ 1,025,222.92

(A) Savings on Completed Contracts.
(B) Contracted or Committed 1941.
(C) Municipal Share of Cost Received.
(D) Includes $124,715.04 Recd. from Central Railroad as their share of cost for Project #F.A.G.S.-27-A.
(E) Received from Counties & Townships as their share (50%) of costs of projects under way.
(F) Transfd to State Hwy.Sys.Funds,savings on completed contract.
(G) Includes 1941 Allot. of $223,025.00 for Secondary & Feeder Roads.
(X) Balance of Appropriation cancelled by Direction of State Comptroller.

State of New Jersey
State Highway Department
Statement of Total Assets & Liabilities
Years Ending Dec. 31,1940 & Dec. 31,1941

Schedule "C"

A S S E T S

	Dec. 31, 1940	Dec. 31, 1941
Cash Balance	$ 3,545,527.12	$ 8,639,446.51
" " (Natl. Indust. Recov. Fund)	29,295.63	16,176.32
Cash Due from Motor Vehicle Dept. & Gas Tax Division Account of 1940 & 1941 Collections	2,603,410.83	2,572,149.91
Federal Aid Allotment(P.W.A.Grant 45%) certified	469,600.00	424,247.10
" " " (" " 45%) " New Newark Garage	155,325.00	0
" " " Regular 50% - 50%	2,926,806.87	2,471,928.37
" " " Secondary & Feeder Rds. 50%	0	223,025.00
" " " (Natl. Ind. Recov. Fund)	13,780.04	3,328.09
1930 Bond Issue Authorized (X)	12,421,000.00	11,799,950.00
Undistributed Material	369,515.30	457,062.68
Plant & Equipment	1,437,937.14	1,526,451.83
Loan to Port of New York Authority, Chap. #121, P. L. 1940	4,300,000.00	4,300,000.00
T O T A L -	$28,272,197.93	$32,433,765.81

(X) Under present plans, the 1930 Bond Issue authorized but not sold ($12,421,000.00) is to be funded by the appropriation of $621,050.00 each year, beginning with the year 1941.

L I A B I L I T I E S

		Dec. 31,1940	Dec. 31, 1941
Road Contracts		$ 5,799,289.72	$ 4,347,397.62
Detours		1,300.00	0
Bridge Contracts		1,721,270.05	4,068,716.65
Claims Shark River Bridge		0	26,581.53
W. P. A. Sponsor's State Share:			
Projects in work		1,440,172.80	558,662.39
Balance of Construction Program		1,064,068.84	153,162.85
Purchase of Right of Way		6,374,447.12	6,699,455.92
Balance of Construction Program		4,502,374.89	5,538,972.74
Route #25 Bridge-Road-Right of Way		0	1,000,000.00
Allotment to Counties for Maint., Const., Reconst. of Roads & Brdgs., Bonds & Int., Police & Lighting, etc.		1,012,426.93	1,179,846.26
Allotment to Townships & Boros for Construction of Roads & Bridges		1,788,822.06	1,654,870.79
Allotment to Townships & Boros for Maintenance of Roads & Bridges		261,384.53	465,377.84
Allotment for Purchase of Plant & Equipment		176,593.47	80,615.39
" " Maintenance of Highways, Roads & Bridges		1,026,738.27	1,315,307.93
" " Lighting of State Highway System & Operation of Bridges:			
Electrical Installation & Maintenance		284,195.30	417,387.79
Operation of Draw Bridges		4,525.00	60,427.90
Allotment for Approaches to Public Institutions		73,709.23	72,800.25
State Aid Appropriations (Chap.395 P.L.1911)		12,789.03	12,789.03
Allotment for Maintenance of Bridges over the Del. & Raritan Canal		13,740.42	0
Surplus Investment in Plant & Equipment		1,437,937.14	1,526,451.83
Reserved to Motor Fuel Tax Dept. for Unpaid Gas Tax Refund Claims		450,000.00	226,425.05
Compensation Awards (other than Hwy. Dept.)		0	2,500.00
Allotment Township of Galloway		0	110,000.00
Allotment for Admin., Engr., Inspec., & Cost of Acquiring Right of Way		0	259,878.91
Unappropriated Balance	(A)	826,413.13	2,656,137.14
		$28,272,197.93	$32,433,765.81

(A) Increased $13,740.42. Balance of 1938 Appropriation for Maintenance of D. & R. Canal Bridges cancelled by Direction of State Comptroller.

Schedule #1

Expenditures and Commitments
Projects Previous to - 1941

ROAD							PROJECTS							
Rt.	Sec.	Local Name	Length in Miles	Type	Contract Bal. Owing Jan.1,1941	Contingencies Jan.1,1941	Total	Adjustment of Contingencies On	Adjustment of Contingencies Off	Total	Expenditures to Dec.31,1941	Balance of Commitments Dec.31,1941	% Completion 12-31-41	Date of Commencement	Date of Completion
S3	1A	From Rt. #3 to Rt. #2	1.461	10"R.C.	$ 177,134.56	$ 10,466.70	$ 187,601.26	$ 0	$ 0	$ 187,601.26	$ 131,434.78	$ 56,166.48	95%	9-3-40	4-15-42*
S3	1B	Embankment Approach to Erie R.R. Bridge	0.379	Gr.&Fill	135,941.00	6,797.05	142,738.05	35,000.00	0	177,738.05	158,843.34	18,894.71	97	2-13-41	4-1-42*
4	7	Passaic Riv. Br. Appro.	0.0623	9"R.C.	1,042.81	0	1,042.81	0	0	1,042.81	0	1,042.81	100	9-23-30	7-5-32
4	41	Gordons Cor.-Browntown	5.155	9"R.C.	68,455.04	12,721.28	81,176.32	0	5,872.99	75,303.33	75,303.33	0	100	1-22-40	6-6-41
4	42A	Cheesequake-Browntown	3.146	Rein.C.	345,713.24	17,285.66	362,998.90	0	0	362,998.90	277,467.84	85,531.06	94	4-21-41	4-15-42*
6	8A&B	Valley Rd.-Lexington Ave.	3.13	10"R.C.	473,445.46	24,281.32	497,726.78	0	0	497,726.78	427,005.30	70,721.48	98	11-11-40	4-15-42*
6	9	Reloc. of Water Mains	-	W.Mains	55,085.98	4,283.16	59,369.14	0	1,704.07	57,665.07	57,665.07	0	100	9-11-40	7-1-41
6	11	Troy Brook-Passaic River	2.585	Grading	1,643.95	305.90	1,949.85	0	305.90	1,643.95	1,643.95	0	100	1-12-38	6-18-41
6	11A	" " -Bloomfield	3.024	"	60,257.99	8,648.09	68,906.08	0	11,302.66	57,603.42	57,603.42	0	100	4-20-39	6-18-41
6	11B&12A	Relocation at Pine Brook	1.006	10"R.C.	16,226.50	4,960.16	21,186.66	0	4,235.83	16,950.83	16,950.83	0	100	4-1-40	5-21-41
6	13	Denville-Cobbs Corner	2.735	" " "	55,891.76	3,147.69	59,039.45	249.25	0	59,288.70	59,288.70	0	100	1-15-40	6-25-41
23	12E	Revision of Traffic Circ. at Pecks Cor.-Pompton Plains	0.105	9"R.C.	8,190.87	809.43	9,000.30	0	984.49	8,015.81	8,015.81	0	100	10-21-40	5-19-41
S24	1	Elmora Ave.-Stuyvesant Avenue	3.817	8"R.C.	380.46	0	380.46	0	0	380.46	0	380.46	100	8-24-31	10-26-32
25	5B	Plainfield Ave.-Amboy Ave.	-	10"R.C.	0	0	0	1,120.60	0	1,120.60	1,120.60	0	100		
25	5C	New Br. City L.-Rar.Tp.L.	1.329	9"&10"RC	2,140.36	564.21	2,704.57	0	36,355.44	33,650.87*	33,650.87*	0	100	9-7-39	6-3-41
25	4C	Cranb.Tpk.-N.Brunsw.C.L.	3.054	" " ""	19,935.61	23,442.98	43,378.59	0	27,207.88	16,170.71	16,170.71	0	100	9-7-39	6-3-41
25	30C	Passaic Riv. Br. Appros.	-	Rein.Conc	18,355.72	3,414.61	21,770.33	0	1,828.27	19,942.06	19,942.06	0	100	7-11-40	5-11-41
25	33A	Deans to Cranbury	6.377	" "	670,590.00	33,529.50	704,119.50	0	0	704,119.50	537,933.29	166,184.21	94	1-18-41	4-15-42*
S26	1B	Adams Sta.-Cranb. Tpk.	2.135	9"&10"RC	14,346.55	18,220.42	32,566.97	0	2,463.68	30,103.29	30,103.29	0	100	9-7-39	6-3-41
28	23	Clinton Pt. to C. R. R. Bridge at Annandale	1.752	Grade	232,329.15	11,616.45	243,945.60	0	0	243,945.60	130,291.01	113,654.59	68	2-11-41	8-1-42*
28	24	Van Syckle Corner to White House	3.453	"	158,168.50	8,665.86	166,834.36	0	0	166,834.36	83,259.45	83,574.91	63	11-29-40	5-1-42*
28	25	White House to N. Branch	4.427	"	142,071.11	10,118.78	152,189.89	0	10,000.00	142,189.89	98,404.47	43,785.42	93	9-26-40	6-1-42*
29	2D	Morris Ave. to Rahway River	2.745	10"R.C.	351,855.16	17,592.75	369,447.91	0	0	369,447.91	310,794.74	58,653.17	98	12-14-40	4-15-42*
29	2E	Rahway Riv.-Westfield Ave.	1.472	" " "	285,701.24	14,285.06	299,986.30	0	0	299,986.30	243,042.26	56,944.04	95	1-13-41	4-15-42*
29	3B,1C,2C	Widening Public Service Rwy. to Morris Ave.	2.574	10"R.C.	81,703.29	10,516.79	92,220.08	0	14,994.15	77,225.93	77,225.93	0	100	3-13-40	7-31-41
29	11A	So. Branch Raritan River, Centerville	4.001	9"R.C.	1,175.53	0	1,175.53	0	0	1,175.53	0	1,175.53	100	1-2-34	7-27-35
S31	3	Branchville-Culvers Lake	1.296	" " "	2,286.84	908.61	3,195.45	0	0	3,195.45	0	3,195.45	100	3-2-38	6-15-39
S31	4	" Relocation	1.616	" " "	38,656.48	4,404.37	43,060.85	3,882.29	0	46,943.14	46,943.14	0	100	7-25-39	4-28-41
33&35	1	Rt. #33 at Anderson's Cor. to Asbury Ave.	2.799	8"Grav.	158,389.65	9,210.93	167,600.58	0	0	167,600.58	120,252.64	47,347.94	90	9-19-40	5-1-42*
33&35	1	The same	-	-	12,979.46	0	12,979.46	0	5,960.00	7,019.46	7,019.46	0	100	7-17-40	8-31-40
35-4N	1	W. Long Branch Conn.	2.018	7"Pen.M.	165,422.37	9,216.80	174,639.17	0	10,000.00	164,639.17	130,445.78	34,193.39	100	9-16-40	10-24-41
35	14B	Raritan Riv. Br. Appro.	-	-	15,309.89	539.91	15,849.80	0	974.11	14,875.69	14,875.69	0	100	3-7-40	10-15-40
35	14B	So. Appro. to Raritan River. Br.	0.752	Beautif.	6,505.47	699.85	7,205.32	0	1,254.25	5,951.07	5,951.07	0	100	10-24-40	5-1-41
35	37	Traffic Circ. Asbury Park	0.463	Rein.C.	286.47	2,380.70	2,667.17	0	2,380.70	286.47	286.47	0	100	2-24-40	9-27-40
39	1B-10A	Route #25 near Bordentown to White Horse	2.825	9"R.C.	291,959.80	14,597.99	306,557.79	0	0	306,557.79	214,759.39	91,798.40	85	11-22-40	4-15-42*
41	1	Fairview-Runnemede	4.961	" " "	280.70	0	280.70	0	0	280.70	0	280.70	100	12-8-27	8-6-28
S41	2A,3A	Rt. #38 to Kresson	6.980	Rein.C.	58,156.92	24,371.94	82,528.86	0	24,229.12	58,299.74	58,299.74	0	100	3-25-40	4-7-41
S41	3B,4A	Kresson to Rt. #43	5.958	9"R.C.	424,278.58	21,213.93	445,492.51	0	0	445,492.51	372,152.28	73,340.23	100	2-13-41	11-24-41
44	8	Bridgeport By-pass	.961	9"R.C.	15,898.35	4,237.64	20,135.99	0	0	20,135.99	1,508.94	18,627.05	100	6-23-39	1-15-41

* RED figure.

Expenditures and Commitments
Projects Previous to - 1941
(2)

ROAD							PROJECTS								
Rt.	Sec.	Local Name	Length in Miles	Type	Contract Bal. Owing Jan.1,1941	Contingencies Jan.1,1941	Total	Adjustment of Contingencies On	Adjustment of Contingencies Off	Total	Expenditures to Dec.31,1941	Balance of Commitments Dec.31,1941	% Completion 12-31-41	Date of Commencement	Date of Completion
44	9	Westville to Pierce's Cor.	3.203	Grade	$ 208,754.95	$ 10,437.74	$ 219,192.69	$ 0	$ 0	$ 219,192.69	$ 119,430.24	$ 99,762.45	69%	2-3-41	5-1-42*
44	10	Bridgeport-Nortonville	2.873	9"R.C.	265,344.09	14,156.60	279,500.69	0	37,688.40	241,812.29	241,812.29	0	100	10-7-40	8-8-41
		Imlaystown-Red Val. Rd.	1.08	9"R.C.	7,835.80	1,137.91	8,973.71	1,362.03	4,198.00	6,137.74	6,137.74	0	100	7-26-38	6-23-38
		Public Utility Rearrangements	-	-	288,122.17	0	288,122.17	0	206,705.48	81,416.69	29,567.55	51,849.14	-	-	-
		State-Wide Highway Planning Project			87,879.09	0	87,879.09	0	0	87,879.09	87,879.09	0	-	-	-
		Construction by Maintenance													
31	6	Bedminster-Gladstone	-	Drains,etc.	9,972.03	0	9,972.03	0	0	9,972.03	2,173.06	7,798.97	-	-	-
		TOTAL ROADS PREVIOUS TO 1941 -			$5,436,100.95	$363,188.77	$5,799,289.72	$ 41,614.17	$410,645.42	$5,430,258.47	$4,245,355.88	$1,184,902.59			

1941 Road Projects

					Contracts Awarded to Dec.31,1941	1941 Contingencies									
2	6B	Roadside Improvement	.693	Beautif.	$ 12,387.48	$ 619.37	$ 13,006.85	$ 0	$ 0	$ 13,006.85	$ 10,138.86	$ 2,867.99	100%	7-29-41	12-3-41
S3	1C	East Approach to Berry's Creek	0.177	Fill	15,309.29	765.46	16,074.75	0	997.66	15,077.09	15,077.09	0	100	5-15-41	7-7-41
4	-	Connection from Rt. #4 to Somers Pt. Traffic Circ.	0.7384	Rein.C.	68,552.11	3,427.60	71,979.71	723.35	0	72,703.06	72,703.06	0	100	5-26-41	9-24-41
4	1B	So. Amboy-Cheesequake	2.761	" "	317,795.36	15,889.77	333,685.13	0	0	333,685.13	118,531.98	215,153.15	45	7-15-41	7-15-42*
4&35	11B	Grade Separation at Oak St., Sayreville	0.216	P.Mac.	49,154.71	2,457.73	51,612.44	0	0	51,612.44	0	51,612.44	0	2-15-42**	10-1-42*
4	41A	Gordons Cor.-Browntown	5.148	Beautif.	21,742.83	1,087.14	22,829.97	0	0	22,829.97	0	22,829.97	41	11-25-41	6-1-42*
6	21A	Denville Relocation	1.082	Rein.C.	221,877.58	11,093.88	232,971.46	0	0	232,971.46	185,758.54	47,212.92	96	6-30-41	4-15-42*
18	1	Old Bridge to Rt. #4	4.274	Gr.&Grav.	302,492.04	15,124.60	317,616.64	0	0	317,616.64	0	317,616.64	0	1-20-42**	11-15-42*
25	7B	East Grand St. Pav. Wid. Rahway to Woodbridge Cloverleaf	2.921	Rein.C.	152,239.60	7,611.98	159,851.58	0	0	159,851.58	129,818.50	30,033.08	97	6-10-41	4-15-42*
28	22A	Lebanon Relocation (Annandale-Syckles Cor.)(Paving)	2.846	" "	438,056.81	21,902.84	459,959.65	0	0	459,959.65	0	459,959.65	0	3-15-42**	11-1-42*
28	24A&25A	White House Relocation	1.782	" "	296,966.45	14,848.32	311,814.77	0	0	311,814.77	0	311,814.77	0	3-1-42**	10-15-42*
28	25B-26A	North Branch "	2.200	" "	511,636.00	25,581.80	537,217.80	0	0	537,217.80	0	537,217.80	0	3-15-42**	11-1-42*
28-24	2	Roadside Improvements	1.761	Beautif.	8,138.15	406.90	8,545.05	0	0	8,545.05	6,922.62	1,622.43	100	8-20-41	12-1-41
29	3C	Meeker Ave. to L.V.R.R., Newark	0.836	Rein.C.	69,919.46	3,495.97	73,415.43	0	0	73,415.43	0	73,415.43	0	3-1-42**	8-1-42*
29	6A	Lambertville Main St.(Trans. from W.P.A. Sponsor Fund)	0.697	" "	113,964.61	14,968.09	128,932.70	0	0	128,932.70	90,920.11	38,012.59	100	12-17-40	11-8-41
33-35	1A	Pav. Sect. #2 & Grading Andersons Cor. to Rt.35 Traf.Circ.	3.766	" "	216,717.80	10,835.89	227,553.69	0	0	227,553.69	104,405.17	123,148.52	62	10-3-41	6-1-42*
35-4N	1A	West Long Branch Connection	1.662	" "	78,050.15	3,902.51	81,952.66	0	0	81,952.66	56,057.50	25,895.16	100	8-14-41	11-19-41
35	38A	Morgan to Lawrence Harbor	1.269	" "	481,168.89	24,058.44	505,227.33	0	0	505,227.33	0	505,227.33	0	12-26-41	6-1-43*
38	4	Rt. 34 to Rt. 35 (Grade)	3.364	Gr.&Grav.	194,075.25	9,703.76	203,779.01	0	0	203,779.01	169,525.75	34,253.26	100	5-8-41	9-18-41
44	12	Pennsville-Hook Road	1.980	Rein.C.	134,527.70	6,726.38	141,254.08	0	0	141,254.08	0	141,254.08	0	1-5-42**	9-1-42*

* Date of Completion Estimated on Number of Working Days Specified in the Contract.

** Estimated Date.

Schedule #1-B

Expenditures and Commitments
1 9 4 1 Road Projects
(2)

ROAD					PROJECTS								
Rt.	Sec.	Local Name	Length in Miles	Type	Contracts Awarded to Dec.31,1941	1941 Contingencies	Total	Adjustment of Contingencies On	Adjustment of Contingencies Off	Total	Expenditures to Dec.31,1941	Balance of Commitments Dec.31,1941	% Completion 12-31-41	Date of Commencement	Date of Completion
45-47	-	Big Timber Cr. Appros.	-	-	$ 26,633.91	$ 1,331.69	$ 27,965.60	$ 0	$ 0	$ 27,965.60	$ 0	$ 27,965.60	0	2-16-42**	10-1-42*
56	1	Beach Thorofare Br. Appros.	-	-	131,527.99	6,576.40	138,104.39	0	0	138,104.39	0	138,104.39	0	1-22-42**	3-1-43*
		Construction by Maintenance													
1	9B	Conn. to Hudson Co. Blvd.	-		500.00	0	500.00	1,000.00	75.57	1,424.43	1,277.06	147.37	-	-	-
25	2D-3D	Pennsauken & Camden	-	Remove trees	6,000.00	0	6,000.00	0	0	6,000.00	797.57	5,202.43	-	-	-
25	7B	Rt. 25 & Lawrence Ave.,Rahway	-	Signals	1,100.00	0	1,100.00	500.00	0	1,600.00	1,571.19	28.81	-	-	-
25	8E	Improve Sidewalks Area		-	833.00	0	833.00	0	0	833.00	765.06	67.94	-	-	-
25	26C	Robbinsville-Hightstown	-	Curbs	72,535.10	0	72,535.10	1,250.28	0	73,785.38	73,785.38	0	100%	-	-
28	23	Clinton Point	-	-	500.00	0	500.00	0	0	500.00	132.07	367.93	-	-	-
29	3B,1B,2C	Plant Perennials	-	-	19.86	0	19.86	1.18	0	21.04	21.04	0	-	-	-
29	E	Springfield Ave.-Signals	-	-	300.00	0	300.00	74.39	0	374.39	374.39	0	-	-	-
29	2D	Rosemont Ave. "	-	-	250.00	0	250.00	600.00	0	850.00	215.55	634.45	-	-	-
38	3	Madison Ave. & Pine St.	-	-	18,585.21	0	18,585.21	9,431.94	0	28,017.15	28,017.15	0	100%	-	-
S41	3B,4A	Kresson to Rt. 43	-	Move pavmt.	35,380.52	0	35,380.52	20,234.25	0	55,614.77	55,146.27	468.50	100	-	-
44	9	Water Mains at Varga Sect.	-	-	659.40	0	659.40	630.00	0	1,289.40	1,062.70	226.70	-	-	-
		Public Utility Rearrangements			22,867.00	0	22,867.00	288.77	0	23,155.77	2,784.47	20,371.30	-	-	-
		State-Wide Highway Planning			38,232.86	0	38,232.86	0	0	38,232.86	8,470.46	29,762.40	-	-	-
		Construction Roads by Special Agreement			9,820.58	0	9,820.58	0	0	9,820.58	9,820.58	0	-	-	-
		Imlaystown-Red Valley Road, Federal Engineering and Inspection			7,264.82	0	7,264.82	0	7,264.82	0	0	0			
		TOTAL ROADS 1941 PROJECTS			$4,077,782.52	$202,416.52	$4,280,199.04	$ 34,734.16	$ 8,338.05	$4,306,595.15	$1,144,100.12	$3,162,495.03			
		TOTAL ROADS PREVIOUS TO 1941 PROJECTS			5,436,100.95	363,188.77	5,799,289.72	41,614.17	410,645.42	5,430,258.47	4,245,355.88	1,184,902.59			
		TOTAL ROADS -			$9,513,883.47	$565,605.29	10,079,488.76	$ 76,348.33	$ 418,983.47	$9,736,853.62	$5,389,456.00	$4,347,397.62			

* Date of Completion Estimated on Number of Working Days Specified in the Contract.
** Estimated Date.

Analysis of Expenditures and Commitments
By Funds

For the Period Ending Dec. 31, 1941

Funds	Total	Expenditures	Commitments
Natl. Indust. Recov. Highway Fund	$ 7,313.27	$ 6,137.74	$ 1,175.53
Regular Federal Aid	1,632,193.97	1,348,278.99	283,914.98
Gas Tax, Motor Vehicle Fees,Fines,etc.	8,097,346.38	4,035,039.27	4,062,307.11
TOTAL -	$9,736,853.62	$5,389,456.00	$ 4,347,397.62

Schedule #2

Expenditures and Commitments
Projects Previous to - 1941

BRIDGE						PROJECTS						
Rt.	Sec.	Local Name	Contract Bal. Owing Jan. 1,1941	Contingencies Jan. 1,1941	Total	Adjustment of Contingencies On	Adjustment of Contingencies Off	Total	Expenditures to Dec. 31,1941	Balance of Commitments Dec.31,1941	% Completion 12-31-41	Date of Commencement	Date of Completion
4	41	5 Stream Bridges	$ 6,030.54	$ 2,983.15	$ 9,013.69	$ 0	$ 2,606.26	$ 6,407.43	$ 6,407.43	$ 0	100%	3-21-40	12-25-40
4	42A	Cheesequake-Browntown (5 Brs.)	110,661.50	5,533.07	116,194.57	0	0	116,194.57	99,405.01	16,789.56	100	3-4-41	9-3-41
6	8A,8B	Valley Rd.-Lexington Ave.(Brs.)	53,173.50	2,658.67	55,832.17	0	0	55,832.17	47,955.13	7,877.04	100	1-8-41	8-7-41
6	11A	3 Bridges, Bloomfield " Passaic Riv. Blvd., Rockaway River	573.98	13,394.93	13,968.91	0	13,394.93	573.98	573.98	0	100	7-5-39	6-29-40
6	12	Passaic River Bridge	19,288.35	8,442.20	27,730.55	0	0	27,730.55	13,367.62	14,362.93	100	10-24-39	7-9-41
6	13	Troy Brook "	1,429.39	683.95	2,113.34	0	530.53	1,582.81	1,582.81	0	100	3-25-40	11-19-40
6	13	D. L. & W. R.R. Underpass	23,550.12	3,573.54	27,123.66	0	4,193.71	22,929.95	22,929.95	0	100	5-14-40	12-14-40
10	A&B	Hackensack River Bridge	8,520.48	6,634.14	15,154.62	0	0	15,154.62	0	15,154.62	100	11-4-29	10-18-32
25	30B	Passaic " "	141,865.30	53,881.17	195,746.47	0	65,057.55	130,688.92	130,688.92	0	100	5-1-40	3-1-41
25	30C	" " " Deck	27,406.02	6,905.55	34,311.57	0	6,464.77	27,846.80	27,846.80	0	100	7-11-40	2-15-41
25	33A	4 Bridges in Road Contract	178,173.10	8,908.65	187,081.75	0	0	187,081.75	161,525.93	25,555.82	100	1-23-41	12-19-41
28	23	Beaver Brook Bridge in Road Contract	40,954.50	2,047.72	43,002.22	0	0	43,002.22	36,757.53	6,244.69	100	4-28-41	12-11-41
28	25	White House to North Branch	779.47	225.90	1,005.37	0	225.90	779.47	0	779.47	100	10-14-40	12-12-40
29	1C,3B	(4 Bridges)	22,829.58	5,947.99	28,777.57	0	2,920.31	25,857.26	25,857.26	0	100	7-8-40	1-4-41
29	2D	Rosemont Ave. Relocation	49,144.84	2,457.24	51,602.08	0	0	51,602.08	43,747.68	7,854.40	100	12-14-40	12-9-41
29	2E	Westfield " -Mountainside (4 Bridges)	113,584.05	5,679.20	119,263.25	0	0	119,263.25	101,816.71	17,446.54	100	1-3-41	12-12-41
S31	3	Branchville to Culvers Lake Bridge	250.00	769.77	1,019.77	0	0	1,019.77	0	1,019.77	100	3-10-38	5-30-39
S31	4	Culvers Brook Bridge	2,559.77	280.37	2,840.14	0	280.37	2,559.77	2,559.77	0	100	7-18-39	6-7-40
S31	4	D. L. & W. R.R. Overpass	14,254.96	7,104.92	21,359.88	0	7,742.39	13,617.49	13,617.49	0	100	3-12-40	10-16-40
33&35	1	Rt. 33-Anderson's Corner	1,847.00	1,816.27	3,663.27	0	1,455.91	2,207.36	2,207.36	0	100	7-15-40	12-23-40
35-4N	1	W. Long Branch Connection	6,619.40	330.97	6,950.37	0	0	6,950.37	5,928.80	1,021.57	100	11-7-40	4-3-41
35	14B	Raritan Riv.-Bridge Appros.	7,020.19	3,404.94	10,425.13	0	3,404.94	7,020.19	7,020.19	0	100	1-22-40	7-26-40
39	1B&10	Crosswicks Cr. Bridge Widen.	52,870.85	2,756.72	55,627.57	0	0	55,627.57	44,926.03	10,701.54	100	11-8-40	8-8-41
S41	3B&4A	Kresson Lake "	6,817.35	340.86	7,158.21	300.00	0	7,458.21	6,101.01	1,357.20	100	1-21-41	7-31-41
44	8	Raccoon Creek "	46,458.25	16,121.37	62,579.62	0	21,312.05	41,267.57	41,267.57	0	100	7-31-39	1-8-41
44	9	Hessian Run Bridge in Road Contract	21,791.00	1,089.55	22,880.55	0	0	22,880.55	16,513.05	6,367.50	100	6-21-41	12-10-41
44	10	2 Stream Bridges in Road Contract	17,388.00	869.40	18,257.40	1,000.00	109.90	19,417.50	19,417.50	0	100	12-16-40	4-24-41
45		Raccoon Creek Bridge	9,492.50	1,802.95	11,295.45	0	1,011.42	10,284.03	10,284.03	0	100	9-16-40	4-25-41
-	-	Imlaystown	4,737.96	2,718.68	7,456.64	0	3,066.82	4,389.82	4,389.82	0	100	7-26-38	2-25-39
		TOTAL BRIDGES-PROJECTS PREVIOUS TO 1941 -	$ 990,071.95	$169,363.84	$1,159,435.79	$ 1,300.00	$133,777.76	$1,026,958.03	$ 894,425.38	$132,532.65			

Schedule #2-A

Expenditures and Commitments
1941 Bridge Projects

Rt.	Sect.	Local Name	Contract Amount 1941	Contingencies Amount 1941	Total	Adjustments of Contingencies On	Adjustments of Contingencies Off	Total	Expenditures to Dec.31,1941	Balance of Commitments Dec.31,1941	% Completion 12-31-41	Date of Commencement	Date of Completion
		BRIDGE						PROJECTS					
S3	1	Viaduct over Berry's Creek & Erie Railroad Bridge	$ 689,539.50	$ 34,476.97	$ 724,016.47	$ 0	$ 0	$ 724,016.47	$ 0	$ 724,016.47	0	3-1-42**	4-1-43*
4	1B	Bordentown Ave.	44,949.25	2,247.46	47,196.71	0	0	47,196.71	13,946.85	33,249.86	42%	8-28-41	6-1-42*
6	21A	Denville Relocation(2 Brdgs.)	94,646.63	4,732.33	99,378.96	0	0	99,378.96	84,081.03	15,297.93	99	6-27-41	4-1-42*
4&35	11B	Grade Separation at Oak St.-Sayreville	66,105.30	3,305.26	69,410.56	0	0	69,410.56	0	69,410.56	0	2-15-42**	10-1-42*
18	1	Deep Run Bridge	16,148.50	807.42	16,955.92	0	0	16,955.92	0	16,955.92	0	1-22-42**	11-15-42*
25	30	Passaic River Bridge Removal	86,493.20	4,324.66	90,817.86	0	0	90,817.86	75,439.84	15,378.02	99	3-12-41	1-22-42*
25	33A	Penna. R.R. Bridge at Dayton	10,962.00	0	10,962.00	0	0	10,962.00	8,174.84	2,787.16	-	-	-
28	22A	Lebanon Relocation	47,533.56	2,376.67	49,910.23	0	0	49,910.23	0	49,910.23	0	2-16-42**	11-1-42*
28-25&26		Overpass at Station Road and North Branch of Raritan River	263,501.20	13,175.60	276,676.80	0	0	276,676.80	0	276,676.80	0	2-2-42**	11-1-42*
29	6A	Lambertville Transferred from W.P.A. Sponsor's Fund	0	0	0	6,090.17	0	6,090.17	4,619.00	1,471.17	100	12-16-40	9-18-41
35	38	Cheesequake Creek Bridge	942,893.70	47,144.68	990,038.38	0	0	990,038.38	17,931.60	972,106.78	6	11-10-41	3-1-43
38	4	No. Br. of Wrick Pond	15,827.00	791.35	16,618.35	0	0	16,618.35	14,239.39	2,378.96	100	5-8-41	9-18-41
45		Newton Creek Bridge	57,797.75	2,889.88	60,687.63	0	0	60,687.63	0	60,687.63	0	1-5-42	6-1-42*
45&47		Big Timber Creek Bridge	36,115.20	1,805.76	37,920.96	0	0	37,920.96	0	37,920.96	0	2-16-42**	10-1-42*
47	8	Malaga Branch Bridge	9,832.00	491.60	10,323.60	0	549.12	9,774.48	9,774.48	0	100	7-18-41	10-9-41
54	1	Overpass at Rt. #42(Folsom)	59,273.58	2,963.68	62,237.26	0	0	62,237.26	0	62,237.26	0	2-16-42**	10-1-42*
56	1	Beach Thorofare & Venice Lagoon Bridges	1,035,485.80	51,774.29	1,087,260.09	0	0	1,087,260.09	0	1,087,260.09	0	1-22-42	3-1-43*
		Construction by Agreement	2,955.70	0	2,955.70	0	0	2,955.70	2,955.70	0			
		Const. by Maintenance Rt. #6 Sec. #8A	250.00	0	250.00	0	0	250.00	50.86	199.14			
		TOTAL BRIDGES-1941 PROJECTS	$3,480,309.87	$ 173,307.61	$3,653,617.48	$ 6,090.17	$ 549.12	$3,659,158.53	$ 231,213.59	$3,427,944.94			
		TOTAL BRIDGES - PROJECTS PREVIOUS TO 1941	990,071.95	169,363.84	1,159,435.79	1,300.00	133,777.76	1,026,958.03	894,425.38	132,532.65			
		TOTAL BRIDGES	$4,470,381.82	$ 342,671.45	$4,813,053.27	$ 7,390.17	$134,326.88	$4,686,116.56	$1,125,638.97	$3,560,477.59			

* Date of Completion estimated on Number of Working Days specified in the contract.
** Estimated Date

Analysis of Expenditures and Commitments By Funds
For the Period Ending Dec. 31,1941

Funds	Total	Expenditures	Commitments
Bond	$ 15,154.62	$ 0	$ 15,154.62
Natl. Indust. Recovery Federal Aid	4,389.82	4,389.82	0
Regular Federal Aid	334,505.33	286,980.12	47,525.21
Gas Tax, Motor Vehicle Fees, Fines, etc.	4,332,066.79	834,269.03	3,497,797.76
	$ 4,686,116.56	$ 1,125,638.97	$ 3,560,477.59

P. W. A. Grant 45% Bridge Projects
Expenditures and Commitments
Projects Previous to - 1941

BRIDGE				PROJECTS										
Rt.	Sec.	Local Name	Project #	Contract Bal. Owing Jan.1,1941	Contingencies Jan.1,1941	Total	Adjustment of Contingencies On	Adjustment of Contingencies Off	Total	Expenditures to Dec. 31,1941	Balance of Commitments Dec. 31,1941	% Completion 12-31-41	Date of Commencement	Date of Completion
6	8&9	Four (4) Bridges & Culverts	PWA 1365 3-F	$ 14,957.08	$ 310.89	$ 15,267.97	$ 2,315.01	$ 0	$ 17,582.98	$ 17,582.98	$ 0	100%	4-24-39	11-27-39
35	14	Raritan River Bridge	" 1331 5-F	215,893.01	36,561.47	252,454.48	0	2,315.01	250,139.47	0	250,139.47	100	9-1-39	12-14-40
35	Ext. 14	" " " Dock Paving & Lights	" 1331 F-6	36,012.22	2,340.82	38,353.04	0	0	38,353.04	36,012.22	2,340.82	100	3-1-40	12-23-40
		TOTAL PROJECTS PREVIOUS TO 1941		$ 266,862.31	$39,213.18	$ 306,075.49	$ 2,315.01	$ 2,315.01	$306,075.49	$ 53,595.20	$252,480.29			
		P.W.A. Funds set aside for Preliminary Engineering Costs and Costs of Land on the above Projects.							255,758.77	0	255,758.77			
									$561,834.26	$ 53,595.20	$508,239.06			

Analysis of Expenditures and Commitments
By Funds
For the Period Ending Dec. 31, 1941

Funds	Total	Expenditures	Commitments
P. W. A.-45%	$ 384.527.04	$ 16,205.50	$ 368,321.54
Bonds - 55%	177,307.22	37,389.70	139,917.52
TOTAL -	$ 561,834.26	$ 53,595.20	$ 508,239.06

SCHEDULE No.

Schedule #3

Purchase of Right of Way
Statement of Expenditures and Commitments

Rt.	Sec.	Balance of Commitments Jan. 1,1941	1 9 4 1 Commitments	Total	Adjustment of Commitments On	Adjustment of Commitments Off	Total	Expenditures to Dec.31, 1941	Balance of Commitments Dec. 31,1941
1	Bergen Tpk.	$ 0	$ 3,000.00	$ 3,000.00	$ 0	$ 0	$ 3,000.00	$ 0	$ 3,000.00
1	1	4,075.00	0	4,075.00	0	0	4,075.00	0	4,075.00
1	Pt. Lookout	0	0	0	500.00	0	500.00	0	500.00
1	4D	44,133.17	0	44,133.17	0	0	44,133.17	0	44,133.17
1	9	10,000.00	0	10,000.00	4,000.00	0	14,000.00	3,137.99	10,862.01
S1A	2 &								
1	7	70.00	0	70.00	0	0	70.00	0	70.00
1	2 &								
3	1	3,503.00	0	3,503.00	0	0	3,503.00	0	3,503.00
S1	2	800.00	0	800.00	0	0	800.00	0	800.00
1,4,6	6	8,516.88	0	8,516.88	0	0	8,516.88	0	8,516.88
2	6	2,100.00	0	2,100.00	0	0	2,100.00	0	2,100.00
2	7	185.00	0	185.00	0	0	185.00	0	185.00
2	8	800.00	0	800.00	0	0	800.00	0	800.00
2	9	1,600.00	0	1,600.00	0	0	1,600.00	0	1,600.00
3	2	5,455.53	0	5,455.53	0	0	5,455.53	2,461.51	2,994.02
3	3	1,200.00	0	1,200.00	0	0	1,200.00	0	1,200.00
3	4	50.00	0	50.00	0	0	50.00	0	50.00
3	4A	321.60	0	321.60	0	0	321.60	0	321.60
3	5	10,000.00	0	10,000.00	0	0	10,000.00	0	10,000.00
Old 3	10	1,100.00	0	1,100.00	100.00	0	1,200.00	0	1,200.00
" 3	13	3,750.00	0	3,750.00	0	0	3,750.00	1,103.86	2,646.14
3	14	0	0	0	88.00	0	88.00	0	88.00
S3	1	80,263.35	0	80,263.35	0	30,000.00	50,263.35	287.19	49,976.16
S3	3	370,000.00	0	370,000.00	150,000.00	0	520,000.00	349,397.05	170,602.95
S3	5	0	700,000.00	700,000.00	0	0	700,000.00	0	700,000.00
4	1	2,250.00	0	2,250.00	0	0	2,250.00	0	2,250.00
4 Conn.	Somers Pt.	0	75,000.00	75,000.00	0	0	75,000.00	2,310.00	72.690.00
4	Union-Rahway	37,512.50	0	37,512.50	0	0	37,512.50	0	37,512.50
4	Convery Pl.	5.00	0	5.00	0	0	5.00	0	5.00
4	Cape May	0	0	0	100.00	0	100.00	100.00	0
4	3	4,000.00	0	4,000.00	366.00	0	4,366.00	366.00	4,000.00
4	5	650.00	0	650.00	0	0	650.00	0	650.00
4	9	85.00	0	85.00	500.00	0	585.00	75.00	510.00
Old 4N	10A	500.00	0	500.00	0	0	500.00	0	500.00
" 4	15	150.00	0	150.00	0	0	150.00	0	150.00
" 4	18A	250.00	0	250.00	0	0	250.00	0	250.00
4	40	1,898.21	0	1,898.21	0	0	1,898.21	25.39	1,872.82
4	41	6,813.00	0	6,813.00	0	2,500.00	4,313.00	2,950.00	1,363.00
4	Relocate 36	500.00	0	500.00	0	0	500.00	481.25	18.75
4	42	75.00	0	75.00	0	0	75.00	0	75.00
4 & 35	11B	0	50,000.00	50,000.00	0	0	50,000.00	0	50,000.00
S4 Ext.	1	250.00	0	250.00	0	0	250.00	0	250.00
S4B	1	43,758.92	0	43,758.92	0	35,000.00	8,758.92	51.11	8,707.81
S4B	2	7,958.54	0	7,958.54	0	0	7,958.54	0	7,958.54
S4B	3	0	300,000.00	300,000.00	0	0	300,000.00	30,600.00	269,400.00
S4	Outerbridge Crossing	1,000.00	0	1,000.00	0	0	1,000.00	0	1,000.00
5 & 6	2	20.00	0	20.00	0	0	20.00	0	20.00
6	1E	900.00	0	900.00	0	0	900.00	900.00	0
6	3	475.00	0	475.00	0	0	475.00	0	475.00
6	6	25.00	0	25.00	0	0	25.00	0	25.00
6	7 (1917)	0	0	0	50.00	0	50.00	50.00	0
6	7 (1927)	2,600.00	0	2,600.00	0	0	2,600.00	0	2,600.00

Schedule #3-A

Purchase of Right of Way
Statement of Expenditures and Commitments

Rt.	Sec.	Balance of Commitments Jan. 1, 1941	1941 Commitments	Total	Adjustment of Commitments On	Adjustment of Commitments Off	Total	Expenditures to Dec. 31, 1941	Balance of Commitments Dec. 31, 1941
6	8	$ 27,682.76	$ 0	$ 27,682.76	$ 0	$ 0	$ 27,682.76	$ 2,100.00	$ 25,582.76
6	9	29,932.00	0	29,932.00	0	0	29,932.00	300.00	29,632.00
6	10	6,000.00	0	6,000.00	0	0	6,000.00	0	6,000.00
6	11	1,359.53	0	1,359.53	0	994.51	365.02	365.02	0
6	12	125.00	0	125.00	0	0	125.00	0	125.00
6	12B	25.00	0	25.00	0	0	25.00	0	25.00
6	13	99,080.48	1,360.91	100,441.39	0	85,000.00	15,441.39	9,443.47	5,997.92
6	21	3,400.00	0	3,400.00	15,000.00	0	18,400.00	3,400.00	15,000.00
7	1	1,008.80	0	1,008.80	0	0	1,008.80	526.15	482.65
Old 7	8	25.00	0	25.00	0	0	25.00	0	25.00
8	2	200.00	0	200.00	0	0	200.00	0	200.00
8	3	3,000.00	0	3,000.00	0	0	3,000.00	0	3,000.00
8	4	2,200.00	0	2,200.00	0	0	2,200.00	0	2,200.00
8	5	800.00	0	800.00	0	0	800.00	0	800.00
10	1	55.00	0	55.00	0	0	55.00	0	55.00
10	3 C.L. #1	100,000.00	0	100,000.00	0	0	100,000.00	0	100,000.00
10	4	500.00	0	500.00	0	0	500.00	0	500.00
12	1	87.50	0	87.50	0	0	87.50	0	87.50
12	2	11,626.94	0	11,626.94	0	0	11,626.94	384.80	11,242.14
15	2 & 3	50.00	0	50.00	0	0	50.00	0	50.00
16	6A	0	0	0	500.00	0	500.00	500.00	0
Old 17N	1	1,150.00	0	1,150.00	0	0	1,150.00	0	1,150.00
17S	1	150.00	0	150.00	0	0	150.00	0	150.00
18	1	0	150,000.00	150,000.00	0	0	150,000.00	0	150,000.00
18S	19	700.00	0	700.00	0	0	700.00	0	700.00
18 & 20	-	4,500.00	0	4,500.00	0	0	4,500.00	0	4,500.00
18S	16)								
20	8)	3,250.00	0	3,250.00	0	0	3,250.00	25.00	3,225.00
Old 20	1	215.00	0	215.00	0	0	215.00	0	215.00
20	5	50.00	0	50.00	0	0	50.00	0	50.00
20	6	700.00	0	700.00	0	0	700.00	150.00	550.00
20	7	7,400.00	0	7,400.00	0	0	7,400.00	100.00	7,300.00
21	2 & 3	460,000.00	0	460,000.00	0	0	460,000.00	0	460,000.00
21	4B & C	78,515.66	0	78,515.66	0	0	78,515.66	0	78,515.66
21-25-29	11	40,000.00	0	40,000.00	0	0	40,000.00	0	40,000.00
23	8B	75.00	0	75.00	0	0	75.00	50.00	25.00
23	10	1,260.00	0	1,260.00	0	0	1,260.00	0	1,260.00
23	11	439.40	0	439.40	0	0	439.40	0	439.40
23	12	1,500.00	0	1,500.00	0	0	1,500.00	0	1,500.00
23	13	950.00	0	950.00	0	0	950.00	0	950.00
24	Alexander St.	0	0	0	125.00	0	125.00	125.00	0
S24	1	2,400.00	0	2,400.00	0	0	2,400.00	100.00	2,300.00
24	22)								
24N	1)	0	250,000.00	250,000.00	0	0	250,000.00	0	250,000.00
25	1	3,858.00	0	3,858.00	0	0	3,858.00	0	3,858.00
25	3D,1A	69,293.90	0	69,293.90	0	67,233.90	2,060.00	995.00	1,065.00
25	4	39,500.00	0	39,500.00	0	0	39,500.00	0	39,500.00
25	5	275.00	0	275.00	0	0	275.00	0	275.00
25	5B & 6B	2,925.00	0	2,925.00	0	0	2,925.00	0	2,925.00
25	7	0	0	0	83.00	0	83.00	0	83.00
25	8A	2,826.00	0	2,826.00	0	2,826.00	0	0	0
25	10	863.76	0	863.76	0	38.76	825.00	375.00	450.00
25	11	125.00	0	125.00	0	0	125.00	0	125.00

Schedule #3-B

Purchase of Right of Way
Statement of Expenditures and Commitments

Rt.	Sec.	Balance of Commitments Jan. 1,1941	1941 Commitments	Total	Adjustment of Commitments On	Adjustment of Commitments Off	Total	Expenditure to Dec. 31,1941	Balance of Commitments Dec. 31,1941
25	12	$ 150.00	$ 0	$ 150.00	$ 200.00	$ 0	$ 350.00	$ 0	$ 350.00
25	24	316.00	0	316.00	0	0	316.00	316.00	0
25	29	28,913.30	0	28,913.30	0	0	28,913.30	0	28,913.30
25	30	23,596.53	0	23,596.53	0	0	23,596.53	0	23,596.53
25	32	193,210.46	0	193,210.46	0	0	193,210.46	6,240.00	186,970.46
25	33	74,026.93	0	74,026.93	0	50,125.00	23,901.93	16,900.00	7,001.93
25	34 Wid.	800,000.00	0	800,000.00	0	0	800,000.00	127,100.00	672,900.00
25 & 39 Circle		220.00	0	220.00	0	0	220.00	0	220.00
25 & S26 (1937) & 1	(1917 Traf.Circle)	8,650.00	0	8,650.00	0	0	8,650.00	0	8,650.00
26	1	702.80	0	702.80	190.00	0	892.80	0	892.80
26	3	3,000.00	0	3,000.00	0	0	3,000.00	0	3,000.00
26	4	106.28	0	106.28	0	82.78	23.50	0	23.50
26 S26	5 & 7 and 1	510.00	0	510.00	1,200.00	0	1,710.00	1,200.00	510.00
26	27 C. L.	300.00	0	300.00	0	0	300.00	0	300.00
28	22	73,919.75	0	73,919.75	0	30,000.00	43,919.75	29,650.00	14,269.75
28	23	125,000.00	0	125,000.00	55,000.00	0	180,000.00	127,199.00	52,801.00
28	24	159,201.00	0	159,201.00	20,000.00	0	179,201.00	137,224.54	41,976.46
28	25	35,490.65	0	35,490.65	45,000.00	0	80,490.65	54,527.50	25,963.15
28	26	32,630.00	0	32,630.00	0	19,642.40	12,987.60	9,000.00	3,987.60
28-24 C. L. Sec.1 & 28-24 C.L.Sec.2		6,281.07	0	6,281.07	0	0	6,281.07	441.67	5,839.40
28,29,31	Jct.	0	52,150.00	52,150.00	0	0	52,150.00	52,100.00	50.00
28-29	Conn. 1 Ext.	0	35,000.00	35,000.00	0	0	35,000.00	0	35,000.00
29	2D	119,400.00	0	119,400.00	60,000.00	0	179,400.00	120,127.79	59,272.21
29	2E	152,000.00	0	152,000.00	0	0	152,000.00	70,313.10	81,686.90
29	2W	0	0	0	0	25.00	25.00*	25.00*	0
21 29	1 & 3	100,000.00	0	100,000.00	0	0	100,000.00	0	100,000.00
29	3B,1C & 2C	40,265.00	0	40,265.00	75,000.00	0	115,265.00	40,389.00	74,876.00
29	3C	0	30,000.00	30,000.00	0	0	30,000.00	0	30,000.00
29	4W	2,323.63	0	2,323.63	0	0	2,323.63	324.89	1,998.74
29	6	7,483.96	0	7,483.96	0	0	7,483.96	0	7,483.96
29	6A	15,000.00	0	15,000.00	0	0	15,000.00	13,725.00	1,275.00
29	8W	1,546.20	0	1,546.20	0	1,421.20	125.00	75.00	50.00
29	9W	57.58	0	57.58	0	0	57.58	0	57.58
29A	1	465.00	0	465.00	0	0	465.00	0	465.00
29A	2	10,000.00	0	10,000.00	0	0	10,000.00	0	10,000.00
30	2A	20,000.00	0	20,000.00	0	0	20,000.00	10,000.00	10,000.00
30	5	100.00	0	100.00	0	0	100.00	0	100.00
30	7	750.00	0	750.00	0	0	750.00	0	750.00
30	9	25.00	0	25.00	0	0	25.00	0	25.00
31	3	3,135.00	0	3,135.00	0	0	3,135.00	75.00	3,060.00
31	5	925.00	0	925.00	0	0	925.00	0	925.00
31	7	3,750.00	0	3,750.00	0	0	3,750.00	0	3,750.00
31	11	13,858.70	0	13,858.70	0	0	13,858.70	3,626.36	10,232.34
S31	1	4,625.00	0	4,625.00	0	0	4,625.00	0	4,625.00
S31	3	10,885.68	0	10,885.68	0	0	10,885.68	9,747.48	1,138.20
S31	4	1,745.00	0	1,745.00	0	0	1,745.00	0	1,745.00
S31	5	0	150,000.00	150,000.00	0	0	150,000.00	0	150,000.00
33	3B,3C	2,500.00	0	2,500.00	0	0	2,500.00	0	2,500.00
33/35	1 C.L.	51,818.00	0	51,818.00	0	20,000.00	31,818.00	17,010.96	14,807.04
34	1	12.00	0	12.00	0	0	12.00	0	12.00

* RED figure

Schedule #3-C

Purchase of Right of Way
Statement of Expenditures and Commitments

Rt.	Sec.	Balance of Commitments Jan. 1,1941	1941 Commitments	Total	Adjustments of Commitments On	Adjustments of Commitments Off	Total	Expenditure to Dec. 31,1941	Balance of Commitments Dec. 31,1941
34	2W	$ 49,850.00	$ 0	$ 49,850.00	$ 0	$ 0	$ 49,850.00	$ 0	$ 49,850.00
34	3W	8,033.36	0	8,033.36	0	0	8,033.36	60.00	7,973.36
34	4	12,193.00	0	12,193.00	0	0	12,193.00	7,110.00	5,083.00
34	5	757.83	0	757.83	0	351.65	406.18	406.18	0
34	6 & 7 Wid.	150,000.00	0	150,000.00	0	0	150,000.00	69,435.00	80,565.00
34	7	666.46	0	666.46	0	316.46	350.00	350.00	0
35	1	352.86	0	352.86	0	0	352.86	0	352.86
35-4N	Conn. 1	56,145.00	0	56,145.00	0	0	56,145.00	50,620.00	5,525.00
35	6	30.60	0	30.60	0	0	30.60	0	30.60
35	8A	104,250.37	0	104,250.37	0	0	104,250.37	0	104,250.37
35	9)								
35	9 Bulkhead)	20,093.67	0	20,093.67	0	18,000.00	2,093.67	288.10*	2,381.77
35	10	100.00	0	100.00	0	0	100.00	0	100.00
35 Ext.	12,13,14	336,882.62	0	336,882.62	125,000.00	0	461,882.62	430,991.15	30,891.47
35	37	54,390.00	0	54,390.00	0	50,000.00	4,390.00	0	4,390.00
35	38	0	275,000.00	275,000.00	0	0	275,000.00	40,630.00	234,370.00
35 & 33	-	26,655.00	0	26,655.00	0	0	26,655.00	1,160.00	25,495.00
36	2	300.00	0	300.00	0	0	300.00	0	300.00
36	3	507.17	0	507.17	0	0	507.17	0	507.17
38	1 &)								
S41	1B)	85.99	0	85.99	0	0	85.99	0	85.99
38	2	25.00	0	25.00	0	0	25.00	0	25.00
38	3	2,437.46	0	2,437.46	0	0	2,437.46	0	2,437.46
38	4	0	175,000.00	175,000.00	0	0	175,000.00	79,837.00	95,163.00
38	5	0	15,000.00	15,000.00	0	0	15,000.00	0	15,000.00
39	1A & 10	43,123.56	0	43,123.56	0	0	43,123.56	15,050.00	28,073.56
39	1A & 10) Traf.Circ.)	100,000.00	0	100,000.00	50,000.00	0	150,000.00	52,100.00	97,900.00
39	2	48,158.80	0	48,158.80	0	0	48,158.80	0	48,158.80
39	4,5-6	2,000.00	0	2,000.00	0	0	2,000.00	0	2,000.00
39	8	47.00	0	47.00	0	0	47.00	0	47.00
40	1 and)								
37	5 at Lakehurst)	36.31	0	36.31	0	0	36.31	0	36.31
40	2A	16,503.47	0	16,503.47	0	0	16,503.47	0	16,503.47
40	4A	5,038.96	0	5,038.96	0	653.96	4,385.00	4,385.00	0
40	5A	41,857.77	0	41,857.77	0	22,000.00	19,857.77	12,200.00	7,657.77
40	5B	129,098.29	0	129,098.29	0	0	129,098.29	56,532.86	72,565.43
40	6A	516.50	0	516.50	0	0	516.50	100.00	416.50
40	7	2,475.00	0	2,475.00	0	0	2,475.00	1,365.00	1,110.00
40	8W	10,726.18	0	10,726.18	726.18	0	11,452.36	10,656.18	796.18
40	9W	0	0	0	6,500.00	0	6,500.00	6,500.00	0
40	10 & 11	1,325.82	0	1,325.82	253.89	0	1,579.71	1,150.00	429.71
40 Wid.	10 & 11	150,000.00	0	150,000.00	0	0	150,000.00	14,300.00	135,700.00
40	9	440.00	0	440.00	0	0	440.00	180.00	260.00
S40	1	1,300.00	0	1,300.00	0	0	1,300.00	0	1,300.00
S40	2	885.00	0	885.00	0	0	885.00	0	885.00
S40	3	549.41	0	549.41	0	0	549.41	106.71	442.70
S40	4	35.00	0	35.00	0	0	35.00	0	35.00
38-41	&)								
S41	Traf. Circ.)	12,850.00	0	12,850.00	0	1,200.00	11,650.00	0	11,650.00
41	1	60.00	0	60.00	75.00	0	135.00	100.00	35.00
41	2	4,978.82	0	4,978.82	0	0	4,978.82	0	4,978.82
41	4	11,768.10	0	11,768.10	0	0	11,768.10	0	11,768.10
S41	1	858.00	0	858.00	0	0	858.00	0	858.00

* RED figure

Schedule #3-D

Purchase of Right of Way
Statement of Expenditures and Commitments

Rt.	Sec.	Balance of Commitments Jan. 1,1941	1941 Commitments	Total	Adjustment of Commitments On	Adjustment of Commitments Off	Total	Expenditure to Dec. 31,1941	Balance of Commitments Dec. 31,1941
S41	1A	$ 1,600.00	$ 0	$ 1,600.00	$ 0	$ 0	$ 1,600.00	$ 0	$ 1,600.00
S41	1A & Part 1	0	0	0	10,000.00	0	10,000.00	2,000.00	8,000.00
S41	2	7,650.00	0	7,650.00	0	0	7,650.00	0	7,650.00
S41	2A & 3A	85,452.66	6,400.50	91,853.16	0	84.272.66	7,580.50	7,375.00	205.50
S41	3	5,069.80	0	5,069.80	350.00	0	5,419.80	0	5,419.80
S41	3B, 4A	250,000.00	0	250,000.00	0	67,462.82	182,537.18	114,612.75	67,924.43
S41	4	8,300.87	0	8,300.87	0	0	8,300.87	0	8,300.87
42	1 & 2	4,676.30	0	4,676.30	309.58	0	4,985.88	4,801.28	184.60
42	4	0	0	0	50.00	0	50.00	50.00	0
42	5	261.10	0	261.10	0	0	261.10	0	261.10
42	7	1,470.06	0	1,470.06	0	0	1,470.06	200.00	1,270.06
43	12A	675.00	0	675.00	0	309.58	365.42	0	365.42
44	2A, 4A, 7	2,516.00	0	2,516.00	0	0	2,516.00	0	2,516.00
44	2B, 4B, 7B	0	175,000.00	175,000.00	0	0	175,000.00	0	175,000.00
44	3 & 4	2,125.00	0	2,125.00	0	0	2,125.00	0	2,125.00
44	7A	696.63	0	696.63	0	0	696.63	0	696.63
44	9	250,000.00	0	250,000.00	0	0	250,000.00	135,057.36	114,942.64
44	10	125,610.00	0	125,610.00	0	0	125,610.00	43,453.79	82,156.21
S44	1	5,000.00	0	5,000.00	0	0	5,000.00	0	5,000.00
45	2	1,723.00	0	1,723.00	0	0	1,723.00	400.00	1,323.00
46	6W	3,486.17	0	3,486.17	0	0	3,486.17	300.00	3,186.17
47	2	4,850.00	0	4,850.00	0	0	4,850.00	0	4,850.00
47	4	300.00	0	300.00	0	0	300.00	0	300.00
47	9	9,569.03	0	9,569.03	0	0	9,569.03	100.00	9,469.03
47	11	2,500.00	0	2,500.00	0	0	2,500.00	0	2,500.00
47	12	4,100.00	0	4,100.00	0	0	4,100.00	0	4,100.00
48	Sharptown	0	0	0	200.00	0	200.00	0	200.00
48	21	110.00	0	110.00	0	0	110.00	0	110.00
48	22	9,087.37	0	9,087.37	0	0	9,087.37	111.23	8,976.14
48	23	15,397.53	0	15,397.53	0	0	15,397.53	0	15,397.53
48	24	9,025.00	0	9,025.00	0	550.00	8,475.00	2,441.87	6,033.13
48	25	977.00	0	977.00	0	0	977.00	350.00	627.00
48	27	825.00	0	825.00	0	0	825.00	0	825.00
49	5	25.00	0	25.00	0	0	25.00	0	25.00
49	13W	6,896.60	0	6,896.60	0	0	6,896.60	208.90	6,687.70
49	16	39,112.27	0	39,112.27	0	29,009.97	10,102.30	10,102.30	0
S49	2	75.00	0	75.00	0	0	75.00	0	75.00
S49	3	1,602.00	0	1,602.00	0	0	1,602.00	10.23	1,591.77
S49	4 &)	4,575.00	0	4,575.00	0	0	4,575.00	0	4,575.00
49	11A)	0	75,000.00	75,000.00	0	0	75,000.00	0	75,000.00
S49	5	0	0	0	50.00	0	50.00	50.00	0
51	1	1,502.55	0	1,502.55	0	0	1,502.55	50.00	1,452.55
51	2	126,678.25	0	126,678.25	0	0	126,678.25	34,098.84	92,579.41
54	1)								
S100	)	0	100,000.00	100,000.00	0	0	100,000.00	71,568.00	28,432.00
23	To Div. St.)								
BRIDGES									
4	Shark River	750.00	0	750.00	0	0	750.00	0	750.00
4	Somers Pt.	1,000.00	0	1,000.00	0	0	1,000.00	0	1,000.00
37	Black Creek	25.00	0	25.00	0	0	25.00	0	25.00
ADVISORY BOARD PROJECT FUND:									
1 Ext. & C. L.		102,759.69	0	102,759.69	0	0	102,759.69	0	102,759.69
35	5	510.00	0	510.00	0	0	510.00	0	510.00
35	7	1,525.00	0	1,525.00	0	0	1,525.00	0	1,525.00
Camden		8,723.30	0	8,723.30	0	2,500.00	6,223.30	0	6,223.30
Delaware Riv.Br.Appro. Sec.2D&3D		0	250,000.00	250,000.00	0	0	250,000.00	0	250,000.00

Schedule #3-E

Purchase of Right of Way
Statement of Expenditures and Commitments

Rt.	Sec.	Balance of Commitments Jan. 1,1941	1941 Commitments	Total	Adjustment of Commitments On	Adjustment of Commitments Off	Total	Expenditures to Dec. 31,1941	Balance of Commitments Dec. 31,1941
OLD BOND FUND									
1	1B & 2A	$ 3,000.00	$ 0	$ 3,000.00	$ 0	$ 0	$ 3,000.00	$ 0	$ 3,000.00
2	4	2,444.50	0	2,444.50	0	0	2,444.50	0	2,444.50
3	12	2,575.00	0	2,575.00	0	0	2,575.00	0	2,575.00
4	1 & 1A	1,000.00	0	1,000.00	0	0	1,000.00	0	1,000.00
4	8	600.00	0	600.00	0	0	600.00	0	600.00
4	27	2,750.00	0	2,750.00	0	0	2,750.00	0	2,750.00
4	30	61.00	0	61.00	0	0	61.00	0	61.00
4	31	1,385.00	0	1,385.00	0	0	1,385.00	0	1,385.00
4	Bridge at Keyport	25.00	0	25.00	0	0	25.00	0	25.00
5	1A	715.00	0	715.00	0	0	715.00	0	715.00
5	9	37.00	0	37.00	0	0	37.00	0	37.00
5	13	500.00	0	500.00	0	0	500.00	0	500.00
5	17	300.00	0	300.00	0	0	300.00	0	300.00
5	19	1,000.00	0	1,000.00	0	0	1,000.00	0	1,000.00
6	4	50.00	0	50.00	0	0	50.00	0	50.00
6	10	175.00	0	175.00	0	0	175.00	0	175.00
6	14	750.00	0	750.00	0	0	750.00	0	750.00
6	18	2,975.00	0	2,975.00	0	0	2,975.00	0	2,975.00
7	2	52.24	0	52.24	0	0	52.24	0	52.24
7	4	300.00	0	300.00	0	0	300.00	0	300.00
7	6 & 7	2,288.60	0	2,288.60	0	0	2,288.60	0	2,288.60
8	3	1,000.00	0	1,000.00	0	0	1,000.00	0	1,000.00
8	7	2,100.00	0	2,100.00	0	0	2,100.00	0	2,100.00
8	8	460.00	0	460.00	0	0	460.00	0	460.00
8	9	400.00	0	400.00	0	0	400.00	0	400.00
9	19	100.00	0	100.00	0	0	100.00	0	100.00
10	1A	5.00	0	5.00	0	0	5.00	0	5.00
12	6	4,200.00	0	4,200.00	0	0	4,200.00	0	4,200.00
14	1	45.00	0	45.00	0	0	45.00	0	45.00
14	8	2,002.55	0	2,002.55	0	0	2,002.55	0	2,002.55
14	9	800.00	0	800.00	0	0	800.00	0	800.00
14	10	5.00	0	5.00	0	0	5.00	0	5.00
14	11	4,530.00	0	4,530.00	0	0	4,530.00	0	4,530.00
14	12,13	227.80	0	227.80	0	0	227.80	0	227.80
14	13,15,17	1,725.00	0	1,725.00	0	0	1,725.00	0	1,725.00
14	14	700.00	0	700.00	0	0	700.00	0	700.00
14	16, 17	1,950.00	0	1,950.00	0	0	1,950.00	0	1,950.00
15	7	1,100.00	0	1,100.00	0	0	1,100.00	0	1,100.00
15	8	6,536.10	0	6,536.10	0	0	6,536.10	0	6,536.10
15	9, 10	1,944.00	0	1,944.00	0	0	1,944.00	0	1,944.00
15	11	2,416.00	0	2,416.00	0	0	2,416.00	0	2,416.00
16	5B	511.00	0	511.00	0	0	511.00	0	511.00
25	4B	2,457.32	0	2,457.32	0	0	2,457.32	0	2,457.32
33	15 & 16	472.50	0	472.50	0	0	472.50	0	4[illegible].50
T O T A L S -		$6,374,447.12	$2,867,911.41	$9,242,358.53	$621,516.65	$621,516.65	$9,242,358.53	$2,542,902.61	$6,699,455.92

Analysis of Expenditures and Commitments By Funds

Fund	Total	Expenditures	Commitments
Bond Fund	$ 3,763,956.65	$ 955,204.88	$ 2,808,751.77
State Road Fund	5,478,401.88	1,587,697.73	3,890,704.15
T O T A L -	$ 9,242,358.53	$ 2,542,902.61	$ 6,699,455.92

* R E D figure.

STATE HIGHWAY DEPARTMENT
Balance of State Highway Construction Program
As of December 31, 1941

Rt.	Sec.	Local Name	County	Mileage	State Funds: Road Construction	State Funds: Bridge Construction	50% Federal Funds: Road Construction	50% Federal Funds: Bridge Construction	Total
S3		Completion Route 3 to Route 2	Bergen	-	$ 40,000.00	$ 62,000.00	$ 120,000.00	$ 138,000.00	$ 360,000.00
6		Valley Rd. to Union Ave., Paving	Passaic	2.5	186,000.00	17,000.00	556,000.00	46,000.00	805,000.00
24		Phillipsburg Bridge Approach	Warren	1.5	150,000.00	20,000.00	445,000.00	55,000.00	670,000.00
25		Neck Lane-Port St., Newark	Union & Essex	3.3	1,700,000.00	650,000.00	0	0	2,350,000.00
25		Airport Circle Revision, Camden	Camden	1.0	350,000.00	250,000.00	0	0	600,000.00
S31		Ross' Corner-Branchville	Sussex	2.3	200,000.00	0	200,000.00	0	400,000.00
35		C.R.R. Separation, Morgan	Middlesex	-	0	120,000.00	0	0	120,000.00
44		Westville-Thorofare, Paving	Gloucester	3.2	210,000.00	75,000.00	210,000.00	75,000.00	570,000.00
44		Woodbury Creek Bridge	Gloucester	-	0	100,000.00	0	100,000.00	200,000.00
45		Broadway & Jersey Ave., Glouc.	Gloucester	2.0	265,000.00	0	0	0	265,000.00
49		Maurice River Bridge	Cumberland	-	0	250,000.00	0	0	250,000.00
S49		Grassy Sound Bridge	Cape May	1.0	300,000.00	650,000.00	0	0	950,000.00
*54		Hammonton-Landisville Rd. (WPA)	Atlantic	7.2	250,000.00	0	0	0	250,000.00
		F. A. Highway Beautification			15,000.00	0	15,878.76	0	30,878.76
		Right of Way & Misc. Construction in connection with F. A. Grade Crossing Program			97,000.00	0	0	0	97,000.00
					$3,763,000.00	$ 2,194,000.00	$1,546,878.76	$ 414,000.00	$7,917,878.76

Funds Available for the above - $5,538,972.74 (A)

Construction Route 25 Section A Road, Bridge & Right of Way (See Schedule #B) $1,000,000.00

* Additional Sponsorship to undertake WPA Project by Maintenance Division for paving WPA grading project.

It is understood that only those projects of military necessity will be contracted for.

(A) Analysis of Funds -

State Funds	$3,578,093.98
Federal Funds	1,960,878.76
Total -	$5,538,972.74

Status of Regular Federal Aid

Rt.	Sec.	Local Name	Project Number	Unpaid Balance Dec. 31,1940	Allotment 1941	Total Allotments	Amount Received 1941	Allotment Balance Cancelled	Unpaid Balance Dec. 31,1941
-	-	State Planning	Planning #1	$ 93,089.00	$ 0	$ 93,089.00	$ 36,527.40	$ 0	$ 56,561.60
-	-	Straw Church to Rt. #24	32 A (2)	6,150.00	0	6,150.00	6,150.00	0	0
24	-	Bet. Phillipsburg & Washington	32 A (3)	0	765.00	765.00	0	0	765.00
25	31	Kaighn Ave. & Marlton Pike	69 B (2)	6,818.00	0	6,818.00	5,463.33	1,354.67	0
25	31	Marlton Pike to Union School House	69 G (1)	15,350.00	0	15,350.00	11,146.88	4,203.12	0
2	6B	Hillside Ave.	87 A (2)	0	5,095.00	5,095.00	0	0	5,095.00
2	6B	North of Rt. #6 to Terrace Ave.	87 C (2)	0	1,710.00	1,710.00	0	0	1,710.00
6	12	Bridge over Passaic River between Pine Brook & Fairfield	88 A (2)	12,746.00	0	12,746.00	0	0	12,746.00
6	11B&12A	Bet. Pine Brook & Fairfield	88 A (3)	12,024.00	0	12,024.00	6,298.00	0	5,726.00
6	11	Troy Brook to Passaic River	88 D	6,219.00	0	6,219.00	0	0	6,219.00
6	11	" " " " "	88 D (2)	35,679.00	0	35,679.00	12,974.00	0	22,705.00
6	11A	Bet. Troy Brook & Passaic River	88 D (3)	14,933.00	0	14,933.00	5,396.42	9,536.58	0
6	13	" Danville & Cobb's Corner	88 E (1)	29,451.00	0	29,451.00	7,853.00	0	21,598.00
6	13	In Boro of Mountain Lakes at Fox Hill	88 E (2)	11,045.00	0	11,045.00	0	0	11,045.00
S26	1B	Bet. Trenton & New Brunswick	95 E (3)	36,311.00	0	36,311.00	0	0	36,311.00
25	4C	" Cranbury Tpk. & Raritan River Bridge	95 F (2)	40,320.00	0	40,320.00	9,677.00	0	30,643.00
25	6B	Port Reading R. R. to Amboy Ave.	95 G (2)	15,404.00	0	15,404.00	0	0	15,404.00
25	-	In Woodbridge Twp. Roadside Improvements	95 G (3)	1,635.00	0	1,635.00	0	0	1,635.00
25	5B	Amboy Ave. to Elm St.	95 H (2)	26,239.00	0	26,239.00	0	0	26,239.00
25	5C	Bet. Metuchen & New Brunswick	95 H (3)	8,442.00	0	8,442.00	0	0	8,442.00
S31	3	Branchville-Culvers Lake	101 B	9,669.00	0	9,669.00	0	0	9,669.00
S31	4	" Relocation bet. Augusta & Culvers Lake	101 C (1)	21,245.00	0	21,245.00	9,914.00	0	11,331.00
S31	4	" By-pass D.L. & W. R.R. Bridge	101 C (2)	7,821.00	0	7,821.00	0	0	7,821.00
44	8	Bridgeport By-pass between Westville & Penns Grove	122 E (1)	42,564.00	0	42,564.00	0	0	42,564.00
25	33A	Bet. Deans and Cranbury	123 C (2)	0	453,265.00	453,265.00	376,209.00	0	77,056.00
25	22C	Hightstown Relocation	123 D (2)	2,945.00	0	2,945.00	2,913.29	31.71	0
25	25B	Cranbury Relocation	123 F (2)	2,495.00	0	2,495.00	2,467.11	27.89	0
35	13	King Georges Rd. & Rt. #25	128 B	31,519.00	0	31,519.00	22,692.17	8,826.83	0
35	13A	Woodbridge Twp. between King Georges Rd. & Rt.#25	128 B (3)	1,636.00	0	1,636.00	0	0	1,636.00
35	12	Smith St.-King Georges Rd.	128 C	33,324.00	0	33,324.00	32,892.09	431.91	0
35	12A	Woodbridge Twp. bet. King Georges Rd. & Smith St.	128 C (2)	1,183.00	0	1,183.00	0	0	1,183.00
35	14B	Edison Memorial Br. Appro. bet. So. Amboy & Keasby	128 D (1)	7,695.00	0	7,695.00	5,386.00	0	2,309.00
6	7	Bridges	131 C	3,422.60	0	3,422.60	0	0	3,422.60
6	8	Main Ave. Bridge	131 G (1)	10,006.00	0	10,006.00	8,107.04	1,898.96	0
6	8A&8B	Bet. Valley Rd. & Lexington Ave., Clifton	131 G (2)	295,400.00	0	295,400.00	248,136.00	0	47,264.00
12	2	Croton-Flemington	177 B (1)	26,858.00	0	26,858.00	26,858.00	0	0
29	3B,1C,2C	Bet. Pub. Serv. Rwy. at Elizabeth Jct. & Morris Ave.	178 B (1)	72,497.00	0	72,497.00	48,331.00	0	24,166.00
29	1B,1C	In Twp. of Hillside and Union bet. Elizabeth Jct. and Morris Ave.	178 B (2)	17,010.00	0	17,010.00	10,468.00	0	6,542.00
29	2D	Twp. of Union bet. Morris Ave. & Rahway River	178 C (1)	220,520.00	0	220,520.00	185,236.00	0	35,284.00
29	2E	Bet. Rahway River & Mountainside	178 D (1)	0	219,600.00	219,600.00	186,660.00	0	32,940.00
28-24	C.L.	Bet. Straw Church & Rt. 24 near Phillipsburg	179 A (2)	8,887.00	0	8,887.00	7,654.11	0	1,232.89
28-24	C.L.	" " " " " " " "	179 A (3)	0	3,700.00	3,700.00	0	0	3,700.00
4	40	Englishtown Rd. to Gordon's Corner	181 A (1)	27,146.00	0	27,146.00	23,790.00	3,356.00	0
4	40	Bet. Freehold & " "	181 A (2)	3,543.00	0	3,543.00	2,137.66	1,405.34	0
4	41	" Gordon's Corner & Browntown	181 B (1)	61,509.00	0	61,509.00	40,299.00	0	21,210.00
4	41A	" " " " "	181 B (2)	0	11,955.00	11,955.00	0	0	11,955.00
4	42A	" Cheesequake & Browntown	181 C (1)	0	251,000.00	251,000.00	185,740.00	0	65,260.00
35	37	At Asbury Ave. Traffic Circle	182A (1)	9,451.00	0	9,451.00	0	0	9,451.00
S41	2A&3A	Bet. Rt. #38 in Chester and Kresson at Burlington-Camden Co. Line	183 A (1)	37,122.00	0	37,122.00	0	0	37,122.00
S41	-	Bet. Kresson at Co. Line and Berlin on Rt. #43	183 B (1)	0	237,100.00	237,100.00	208,648.00	0	28,452.00
		T O T A L		$1,327,322.60	$1,184,190.00	$2,511,512.60	$1,736,024.50	$ 31,073.01	$ 744,415.09

Recapitulation of Regular Federal Aid

Amount of Unpaid Allotments Certified as of Dec. 31, 1941	$ 744,415.09
Balance of Allotment " " " " " 1941	1,727,513.28
T O T A L -	$2,471,928.37

Status of Federal Aid

National Industrial Recovery Highway Federal Aid

Rt.	Sec.	Local Name	Project Number	Unpaid Balance Dec.31,1940	Allotment 1 9 4 1	Total Allotments	Amount Received 1941	Allotment Balance Cancelled	Unpaid Balance Dec. 31, 1941
S4 Ext. 1		Bet. Rt. 4 Perth Amboy & Rt. 35 Ext. in Woodbridge	NRS 169 (1) 1935	$ 8,384.96*	$ 8,384.96A	$ 0	$ 0	$ 0	$ 0
-	-	Imlaystown-Red Valley Road	NRS 180 (1) 1935	19,665.00	0	19,665.00	18,836.91	828.09	0
		T O T A L -		$11,280.04	$ 8,384.96	$ 19,665.00	$ 18,836.91	$ 828.09	$ 0

Recapitulation of National Industrial Recovery Highway Federal Aid

Amount of Unpaid Allotments Certified as of Dec. 31, 1941	$ 0
Balance of Allotment " " " " " "	3,328.09
T O T A L -	$ 3,328.09

Status of Federal Works Program (Highway Fund) Federal Aid

S4 Ext. 1		Bet. Rt. #4 in Perth Amboy & Rt. #35 Ext. in Woodbridge	WPMS 169 (1)	$ 23,577.56	8,384.96*A	$ 15,192.60	$ 13,830.57	$ 1,362.03	$ 0

Recapitulation of Federal Works Program (Highway Fund) Federal Aid

Amount of Unpaid Allotments Certified as of Dec. 31, 1941	$ 0
Balance of Allotment " " " " " "	9,353.12
T O T A L -	$ 9,353.12

* RED figure.

A Transfer

Schedule #6

Status of Federal Aid
Hazards and Grade Crossing Federal Aid Fund

Rt.	Sec.	Local Name	Project Number	Unpaid Balance Dec. 31,1940	Allotment 1 9 4 1	Total Allotments	Amount Received 1941	Allotment Balance Cancelled	Unpaid Balance Dec. 31,1941
-	-	Survey Planning-State Wide	Planning 1	$ 30,737.64	$ 0	$ 30,737.64	$ 21,967.64	$ 0	$ 8,770.00
-	-	C.R.R. Crossing Boro of Closter & Haworth	FAGM 2 (1)	3,869.97	0	3,869.97	3,173.58	696.39	0
-	-	Preakness Ave., (Mt. View Rd.) Wayne Twp.	FAGS 3 (1)	20,165.00	0	20,165.00	17,586.67	2,578.33	0
-	-	Part of High St., City of Summit	FAGM 4 (1)	11,983.51	0	11,983.51	11,638.87	344.64	0
-	-	" " Haddon Ave. Twp. & Boro of Berlin	" 6B (1)	0	268,780.00	268,780.00	233,838.00	0	34,942.00
-	-	" " Roosevelt Ave. in West Carteret between Carteret and Rahway	" 8 (1)	28,424.00	0	28,424.00	0	0	28,424.00
-	-	Tilton Rd. bet. Cologne & Pleasantville	FAGS 9 (1)	18,198.24	0	18,198.24	0	0	18,198.24
-	-	Clinton-Pittstown Rd. between Clinton and Pittstown	" 10 (1)	22,995.00	0	22,995.00	0	0	22,995.00
51	1	Bet. Bridgeport & Mullica Hill	" 11 (1)	15,103.00	0	15,103.00	9,252.75	5,850.25	0
-	-	Penna. R.R. Bridge at Princeton Jct.	" 12 (1)	24,157.00	0	24,157.00	14,686.38	9,470.62	0
-	-	Franklin Ave.-Boro & Twp. of Berlin	FAGM 24A (1)	67,450.00	0	67,450.00	50,587.00	0	16,863.00
-	-	Heights Ave. Boro of Berlin, Gr. Cross. of Pa.-Reading S.S. Lines	" 25A (1)	0	3,915.57	3,915.57	0	0	3,915.57
-	-	Harkers Lane R. R. Gr. Cross. of Pa.-Reading S. S. Lines	" 26A (1)	5,930.00	0	5,930.00	3,715.82	2,214.18	0
-	-	New Road bet. Keys-Milford Rd. & Harkers Lane, Boro of Berlin	" 26A (2)	0	3,140.00	3,140.00	0	0	3,140.00
-	-	Part of West Ave. Sewaren, Crossing of C.R.R. of N.J. in Twp. of Woodbridge	FAGS 27A (1)	0	125,550.00	125,550.00	79,096.00	0	46,454.00
-	-	" of Danforth Rd. bet. Morris Place & Park Ave., Boro of Madison	FAGM 30 (1)	0	80,340.00	80,340.00	59,451.00	0	20,889.00
-	-	" of Riverview Drive, Totowa Boro	" 31 (1)	0	196,980.00	196,980.00	0	0	196,980.00
-	-	Automatic Gate, P.R.R., Park Ave., Pensauken Twp.	FAGS 34 (1)	0	6,974.66	6,974.66	0	0	6,974.66
-	-	Twp. of Vernon - L. & H. River R.R.	FAGS 35 (1)	1,814.92	0	1,814.92	0	0	1,814.92
-	-	Andover Twp. " " "	" 36 (1)	2,228.12	0	2,228.12	0	0	2,228.12
-	-	Green " " " "	" 37 (1)	1,727.40	0	1,727.40	0	0	1,727.40
23	-	Hamburg - Sussex Rd. bet. Hamburg & Sussex	FAGH 82A(2)	150,290.00	0	150,290.00	98,466.00	0	51,824.00
-	-	Millville-Clermont Rd. " So.Dennis & Clermont	" 96B(1)	85,744.00	0	85,744.00	57,877.00	0	27,867.00
-	-	D.L. & W. R.R. Bridge	FAGM 118C(2)	38,756.00	0	38,756.00	0	0	38,756.00
1	-	Part of State Rt. #1 bet. Union City & Palisades Park, Boro of Fairview	" 144B(1)	0	79,870.00	79,870.00	0	0	79,870.00
		T O T A L -		$ 529,573.80	$765,550.23	$1,295,124.03	$ 661,336.71	$ 21,154.41	$ 612,632.91

Recapitulation of Hazards & Grade Crossings Federal Aid Fund

Amount of Unpaid Allotments Certified as of Dec. 31, 1941	$ 612,632.91
Balance of Allotment " " " " " 1941	821,958.35
T O T A L -	$1,434,591.26

Status of P. W. A. Federal Aid Projects

35 Ext. 14	Raritan River Bridge	PWA 1331-F	$ 469,600.00	$ 0	$ 469,600.00	$ 45,352.90	$ 0	$ 424,247.10

Recapitulation of P. W. A. Federal Aid Projects

Amount of Unpaid Allotments Certified as of Dec. 31, 1941	$ 424,247.10

Schedule #7

Status of Federal Aid Secondary & Feeder Roads

Rt.	Sec.	Local Name	Project Number	Unpaid Balance Dec.31,1940	Allotment 1941	Total Allotments	Amount Received 1941	Allotment Balance Cancelled	Unapid Balance Dec. 31,1941
		Hackettstown-Andover Rd. between Allamuchy & Hackettstown	FAS 7 C (1)	$ 16,173.00	$ 0	$ 16,173.00	$ 0	$ 0	$ 16,173.00
		Stockton-Flemington Road between Sand Brook & Sergeantsville	FAS 14 B (1)	26,975.00	0	26,975.00	10,250.00	0	16,725.00
		Tattleton Rd. bet. Quinton & Bridgeton	FAS 15 B (1)	2,785.00	0	2,785.00	2,667.63	117.37	0
		Pittstown-Jutland Rd. bet. Pittstown & Jutland	FAS 18 A (1)	3,106.00	0	3,106.00	0	0	3,106.00
		Pennsville-Salem Rd.	FAS 21 A (1)	6,207.00	0	6,207.00	2,734.16	3,472.84	0
		Cuthbert Road bet. Collingswood & Merchantville	FAS 23 A (1)	5,196.00	0	5,196.00	0	0	5,196.00
		Cuthbert Road bet. Cooper River & Merchantville	FAS 23 A (2)	0	36,715.00	36,715.00	0	0	36,715.00
		Old York Road bet. Hedding & Crosswick	FAS 40 A (1)	0	20,490.00	20,490.00	0	0	20,490.00
		Laurel Mill Road bet. Kirkwood & Blackwood	FAS 41 A (1)	0	17,180.00	17,180.00	13,572.00	0	3,608.00
		Lambertville-Baptistown Rd. bet. Kingwood & Rosemont	FAS 42 A (1)	0	44,610.00	44,610.00	35,241.00	0	9,369.00
		Brunswick Pike bet. Lambertville & Hopewell	FAS 43 A (1)	0	47,650.00	47,650.00	22,395.00	0	25,255.00
		Wiley Road in Upper Penns Neck Twp. bet. Deepwater & Rt. #48	FAS 45 A (1)	0	21,810.00	21,810.00	17,884.00	0	3,926.00
		Woodbury-Auburn Rd. at Swedesboro	FAS 47 A (1)	0	34,315.00	34,315.00	0	0	34,315.00
		Kingwood-Byram Rd. bet. Graff's Corner & Byram	FAS 48 A (1)	0	25,750.00	25,750.00	0	0	25,750.00
		Deep Run Bridge, Alloway Twp., bet. Alloway & Quinton	FAS 50 A (1)	0	14,255.00	14,255.00	10,406.00	0	3,849.00
		Woodstown-Alloway Rd. bet. Woodstown Boro & Alloway Lake	FAS 51 A (1)	0	13,760.00	13,760.00	10,732.00	0	3,028.00
		Daretown-Pittsgrove Rd. at Fox's Mill Pond in Daretown	FAS 52 A (1)	0	11,525.00	11,525.00	9,104.00	0	2,421.00
		Church Bridge south of Daretown	FAS 52 B (1)	0	3,130.00	3,130.00	0	0	3,130.00
		Burlington-Fort Dix Road known as Copany Bridge #D3.6 over Barker's Brook, a branch of Assiscunk Creek	FAS 55 A (1)	0	12,220.00	12,220.00	8,431.00	0	3,789.00
		New Lisbon-Fort Dix Road bet. Federal Aid Rt. #30 & State Rt. #40 at 4-mi. Circ.	FAS 56 A (1)	0	15,705.00	15,705.00	0	0	15,705.00
		Hainesport-Evesboro Rd. in Mt. Laurel Twp. bet. Hainesport & Evesboro	FAS 57 A (1)	0	2,415.00	2,415.00	0	0	2,415.00
		Bridgeboro-Lumberton Rd. in Lumberton Twp. bet. Masonville & Lumberton	FAS 58 A (1)	0	4,550.00	4,550.00	0	0	4,550.00
		Lumberton-Vincentown Rd. at a branch of Rancocas Creek	FAS 59 A (1)	0	4,480.00	4,480.00	4,300.00	0	180.00
		Advance Planning Studies, Field Surveys on Reservation Rds. at Ft. Monmouth	FAS 60 A (1)	0	4,000.00	4,000.00	0	0	4,000.00
		Advance Planning Studies, Field Surveys for Military Access Road extending from Rt. #39 near Mansfield Square to Ft.Dix	FAS 61 A (1)	0	13,205.00	13,205.00	0	0	13,205.00
		Advance Planning Studies on Reservation Road at Fort Hancock known as Hartshorne Road extending from State Rt. #36 to Northerly tip of Sandy Hook	FAS 62 A (1)	0	1,605.34	1,605.34	0	0	1,605.34
		Advance Planning Studies, Field Surveys and Development of Plans on Roads within Fort Dix	FAS 63 A (1)	0	798.91	798.91	0	0	798.91

Status of Federal Aid Secondary & Feeder Roads

(2)

Rt.	Sec.	Local Name	Project Number	Unpaid Balance Dec.31,1940	Allotment 1 9 4 1	Total Allotments	Amount Received 1 9 4 1	Allotment Balance Cancelled	Unpaid Balance Dec. 31,1941
		Field Surveys - Plans for grading, paving, & structures, Access Roads to U. S. Naval Air Station at Cape May	FAS 64 A (1)	$ 0	$ 5,000.00	$ 5,000.00	$ 0	$ 0	$ 5,000.00
		Advance Planning Studies, Field Surveys and Development of Plans on Roads at U. S. Naval Air Station at Cape May	FAS 65 A (1)	0	5,000.00	5,000.00	0	0	5,000.00
		Advance Planning Studies, Field Surveys for Development of Highway Plans for grading, paving, and necessary bridges, office design, etc., on Access Road to Picatinny Arsenal	FAS 67A (1)	0	20,000.00	20,000.00	0	0	20,000.00
		Cream Ridge & Colliers Mills	FAS 119 B (1)	8,463.00	0	8,463.00	8,148.56	314.44	0
37	9	Bet. Yardville and Lakehurst	FAS 119 C (1)	1,295.00	0	1,295.00	1,295.00	0	0
		Monmouth Rd. bet. Freehold & Mt. Holly	FAS 156 B (1)	5,410.00	0	5,410.00	5,410.00	0	0
		" " " " " " "	FAS 156 C (1)	6,631.00	0	6,631.00	0	0	6,631.00
		T O T A L -		$ 82,241.00	$ 380,169.25	$ 462,410.25	$ 162,570.35	$ 3,904.65	$ 295,935.25

Recapitulation of Federal Aid for Secondary & Feeder Roads

Amount of Unpaid Allotments Certified as of Dec. 31, 1941	$ 295,935.25
Balance of Allotment " " " " " 1941	349,894.21
T O T A L -	$ 645,829.46

Status of Federal Works Program Grade Crossing Federal Aid

-	-	Survey Planning - State Wide	Planning 1	$ 19,757.00	$ 0	$ 19,757.00	$ 0	$ 0	$ 19,757.00
-	-	Franklin Ave. - Pennington	WPGM 138	0	2,492.81	2,492.81	2,492.81	0	0
-	-	Penna. R. R. Br. at Deans	WPGS 143	27,135.00	692.63	27,827.63	0	0	27,827.63
		T O T A L -		$ 46,892.00	$ 3,185.44	$ 50,077.44	$ 2,492.81	$ 0	$ 47,584.63

Recapitulation of Federal Works Program Grade Crossing Federal Aid Funds

Amount of Unpaid Allotments Certified as of Dec. 31, 1941	$ 47,584.63
Balance of Allotment " " " " " 1941	19,050.80
T O T A L -	$ 66,635.43

Expenditures and Commitments
Maintenance Division
January 1st,1941 to December 31st,1941

Expenditures:		
Direct:		
Supervision	$ 68,955.00	
Salary Labor	89,539.90	
Labor	1,567,219.09	
" Military Leave	4,090.77	
" Maint. Chauff.	355,209.74	
" Equip. "	36,925.32	
Outside Equip.	268,189.25	
Dept. Trucks	338,756.65	
" Cars	70,984.66	
" Equip.	207,418.63	
Purchase & Stores	13,137.57	
Material & Supplies	756,892.39	
" Fernwood	136,801.76	
Freight	3,746.16	
Snow Removal by Agreem.	167,310.56	
Maintenance " "	11,525.06	
Travel Expenses	16,277.88	
Rent	9,853.78	
Insurance	22,834.22	
Special Services	6,507.20	
Light, Heat,&Water	674.42	
Telephone	952.72	
Compensation	18,567.17	
Medical Services	7,118.36	
Compensation-Tempry.	4,545.93	
Charges from Equip., & Elec. Divs.	35,850.35	
" from Engrg. Div.	17,572.92	
Miscellaneous	5,154.98	
Dept. Tools,etc.	15,411.77	$ 4,258,024.21
General:		
Salaries	$ 112,380.26	
" Inspectors	24,702.32	
Travel Expense	2,300.39	
Outside Equip.	9,328.49	
Office Supplies	4,655.01	
" Furn. & Equipt.	1,520.80	
Photography, Blue Printing,etc.	687.32	
Postage	3,704.73	
Freight, Cartage, Storage	2.24	
Telephone	6,654.13	
Special Services	2,553.85	
Insurance	772.44	
Buildings & Grounds	2,590.01	
Miscellaneous	101.52	
Equipment Rental	4,965.25	176,918.76
TOTAL EXPENDITURES -		$ 4,434,942.97

Expenditures and Commitments
Maintenance Division
January 1st,1941 to December 31st,1941

TOTAL EXPENDITURES (Brought forward from Schedule #9)		$ 4,434,942.97
Commitments:		
Outside Equip. & Labor	$ 17,715.91	
Material, Freight,etc.	413,031.56	
Due Municipalities	2,106.93	
Maintenance Projects	550,839.77	
Liability Compensation	3,967.74	
Institutions	72,800.25	
TOTAL COMMITMENTS -		1,060,462.16
TOTAL EXPENDITURES AND COMMITMENTS -		$ 5,495,405.13

Schedule #9

Distribution of Expenditures and Commitments
MAINTENANCE DIVISION
January 1, 1941 to December 31, 1941

Expenditures	Total	Maintenance of State Highway	Institutional Roads & Approaches	Credit Work Done by Other Divisions
Maintenance of Roads	$ 2,242,615.93	$ 1,862,415.43	$ 380,200.50	$ 0
" " Bridges	128,698.27	128,698.27		
Landscape & Roadside Beautification	261,546.00	261,546.00		
Miscellaneous, Signs & Special Work	216,976.84	216,976.84		
Snow Removal	835,254.68	835,254.68		
Construction	179,133.08	0	0	179,133.08
W. P. A.	481,755.52	0	20,708.48	461,047.04
Scales	539.12	539.12	0	0
Other Divisions	79,010.24	0	0	79,010.24
Accounts Receivable	9,413.29	0	0	9,413.29
TOTAL EXPENDITURES	$ 4,434,942.97	$ 3,305,430.34	$ 400,908.98	$ 728,603.65
Commitments:	1,060,462.16	987,661.91	72,800.25	0
T O T A L -	$ 5,495,405.13	$ 4,293,092.25	$ 473,709.23	$ 728,603.65

Status of Allotment - Maintenance Fund

	Balance 1940 Commitment	1941 Allotment	1941 Total Funds	Expenditures	Commitments	Total Expenditures & Commitments	Balance
Maintenance	$1,026,738.27	$3.594,000.00	$4,620,738.27	$3,305,430.34	$ 987,661.91	$4,293,092.25	$ 327,646.02
Institutional Roads	73,709.23	400,000.00	473,709.23	400,908.98	72,800.25	473,709.23	0
	$1,100,447.50	$3,994,000.00	$5,094,447.50	$3,706,339.32	$1,060,462.16	$4,766,801.48	$ 327,646.02

ORDINARY MAINTENANCE:
M-1 Work on surface - travelled width.
M-2 Work on paved shoulders.
M-3 Work on drains, ditches, unpaved shoulders.
M-4 Work on Guard Rails and fences.
Const.-Cost incurred on jobs not maintained for FULL year.

ANALYSIS OF 1941 ROAD MAINTENANCE COSTS BY ROUTE, TYPE OF PAVEMENT AND CLASS OF WORK

EXTRAORDINARY REPAIRS:
E-5 Resurfacing, rebuilding, heavy patching - main pavement.
E-6 Rebuilding paved shoulders.
E-7 Rebuilding drains, new ditching, rebuilding unpaved shoulders.
E-8 Replacing guard rails and fences.

Rt	Class of Work	CONCRETE TOTAL COST	CONCRETE COST PER MILE	BITUMINOUS CONCRETE STONE BASE TOTAL COST	BITUMINOUS CONCRETE STONE BASE COST PER MILE	BITUMINOUS CONCRETE CONCRETE BASE TOTAL COST	BITUMINOUS CONCRETE CONCRETE BASE COST PER MILE	STONE BLOCK TOTAL COST	STONE BLOCK COST PER MILE	MACADAM TOTAL COST	MACADAM COST PER MILE	GRAVEL TOTAL COST	GRAVEL COST PER MILE	BITUMINOUS MACADAM TOTAL COST	BITUMINOUS MACADAM COST PER MILE	BRICK TOTAL COST	BRICK COST PER MILE	DIRT, CINDERS, ETC. TOTAL COST	DIRT, CINDERS, ETC. COST PER MILE	TOTAL TOTAL COST	TOTAL COST PER MILE
	Miles	20.129		2.989		1.330		0.422						0.090						24.960	
	M-1	$ 1,312.70	$ 65.22	$ 2,609.64	$ 873.08	$ 188.30	$ 141.57	$ 37.28	$ 88.34	$ 0	$ 0	$	$	$ 151.82	$ 1,686.89	$	$	$	$	$ 4,299.74	$ 172.27
	M-2	391.19	19.43																	391.19	15.67
	M-3	14,652.72	727.94	3,280.24	1,097.43	151.84	114.17	2,114.88	5,011.56											20,199.68	809.28
1	M-4	86.20	4.28	233.94	78.27	1.89	1.42													322.03	12.90
	E-5	762.91	37.90																	762.91	30.56
	E-7	5,641.86	280.29	3,018.03	1,009.73			72.47	171.73											8,732.36	349.85
	E-8	4,782.32	237.58			46.60	35.04													4,828.92	193.47
	Const.													1,109.31						1,109.31	
	Total	27,629.90	1,372.64	9,141.85	3,058.51	388.63	292.20	2,224.63	5,271.63					1,261.13	1,686.89					40,646.14	1,584.00
S-1	Miles	3.058				0.087														3.145	
	M-1	296.54	96.97			5.24	60.23													301.78	95.96
	M-2	1,224.08	400.29																	1,224.08	389.21
	M-3	324.80	106.21																	324.80	103.28
	M-4	5.35	1.75																	5.35	1.70
	M-5	997.77	326.28																	997.77	317.26
	M-7	140.25	45.86																	140.25	44.59
	M-8	1,840.89	601.99																	1,840.89	585.34
	Const.																				
	Total	4,829.68	1,579.35			5.24	60.23													4,834.92	1,537.34
S-1A	Miles	2.091																		2.091	
	M-1	32.11	15.36																	32.11	15.36
	M-2	228.68	109.36																	228.68	109.36
	M-3	262.02	125.31																	262.02	125.31
	M-4	49.63	23.73																	49.63	23.74
	M-8	67.49	32.28																	67.49	32.28
	Const.																				
	Total	639.93	306.04																	639.93	306.05
2	Miles	25.925												0.276						26.201	
	M-1	3,098.19	119.50											367.58	1,331.81					3,465.77	132.28
	M-2	22,522.64	868.76																	22,522.64	859.62
	M-3	8,953.89	345.38																	8,953.89	341.74
	M-4	1,615.01	62.30																	1,615.01	61.64
	M-5	2,333.60	90.02																	2,333.60	89.06
	M-7	1,942.39	74.92																	1,942.39	74.13
	M-8	11,017.12	424.96																	11,017.12	420.48
	Const.																				
	Total	51,482.84	1,985.84											367.58	1,331.81					51,850.42	1,978.95
3	Miles	7.819				0.065								0.015						7.899	
	M-1	1,864.83	238.50			10.56	162.46							161.55	10,770.00					2,036.94	257.87
	M-2	2,512.19	321.29																	2,512.19	318.04
	M-3	8,703.97	1,113.18																	8,703.97	1,101.90
	M-4	764.29	97.75																	764.29	96.76
	M-5	108.57	13.88											107.30	7,153.33					215.87	27.33
	M-7	1,146.20	146.59																	1,146.20	145.11
	M-8	2,419.82	309.48																	2,419.82	306.35
	Const.																				
	Total	17,519.37	2,240.67			10.56	162.46							268.85	17,923.33					17,799.28	2,253.36
S-3	Miles	.763												.049						0.812	
	M-1	29.14	38.19											134.76	2,750.20					163.90	201.86
	M-3	33.77	44.26											7.18	146.53					40.95	50.44
	M-4	2.06	2.70											3.82	77.96					5.88	7.21
	M-5													1,584.39	32,334.49					1,584.39	1,951.22
	Const.																				
	Total	64.97	85.15											1,730.15	35,309.18					1,795.12	2,210.73
4	Miles	124.158		.916		17.940						14.052		3.971		.400				161.437	
	M-1	11,528.62	92.85	62.50	68.23	3,654.15	203.69					4,820.97	343.08	902.05	227.16	187.37	468.42			21,155.66	131.05
	M-2	4,712.61	37.96			129.27	7.20													4,841.88	29.99
	M-3	71,787.48	578.19	270.56	295.37	8,829.99	492.20					6,048.45	430.43	2,057.27	518.07	80.05	200.13			89,073.80	551.75
	M-4	2,359.74	19.00	42.11	45.97	439.67	24.50					597.30	42.51	423.44	106.63					3,862.26	23.92
	M-5	10,489.62	84.49									286.81	20.40							10,776.23	66.75
	M-7	17,238.11	138.84			290.60	16.20					1,550.61	110.35	604.34	152.31					19,684.16	121.93
	M-8	225.92	1.82									89.14	6.34	38.15	9.61					353.21	2.19
	Const.	115.55																		115.55	
	Total	118,457.65	953.15	375.17	409.57	13,343.63	743.79					13,393.09	953.11	4,025.75	1,013.78	267.42	668.55			149,862.75	927.58
S-4	Miles	1.565																		1.565	
	M-1	174.24	111.34																	174.24	111.33
	M-3	1,730.50	1,105.75																	1,730.50	1,105.75
	M-5	91.60	58.53																	91.60	58.53
	M-7	442.59	282.80																	442.59	282.81
	Const.											1,505.95								1,505.95	
	Total	2,438.93	1,558.42									1,505.95								3,944.88	1,558.42
S-4B	Miles																	16.109		16.109	
	M-3																	105.78	6.57	105.78	6.57
	M-7																	232.75	14.44	232.75	14.44
	Const.																				
	Total																	338.53	21.01	338.53	21.01

ORDINARY MAINTENANCE:
M-1 Work on surface - travelled width.
M-2 Work on paved shoulders.
M-3 Work on drains, ditches, unpaved shoulders.
M-4 Work on Guard Rails and fences.
Const.-Cost incurred on jobs not maintained for FULL year.

ANALYSIS OF 1941 ROAD MAINTENANCE COSTS BY ROUTE, TYPE OF PAVEMENT AND CLASS OF WORK

Schedule # 9-B

EXTRAORDINARY REPAIRS:
E-5 Resurfacing, rebuilding, heavy patching - main pavement.
E-6 Rebuilding paved shoulders.
E-7 Rebuilding drains, new ditching, rebuilding unpaved shoulders.
E-8 Replacing guard rails and fences.

Rt.	Class of Work	CONCRETE		BITUMINOUS CONCRETE STONE BASE		BITUMINOUS CONCRETE CONCRETE BASE		STONE BLOCK		MACADAM		GRAVEL		BITUMINOUS MACADAM		BRICK		DIRT, CINDERS, ETC.		TOTAL	
		TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE
5	Miles	3.470		.284		.691														4.445	
	M-1	$ 155.67	$ 44.86	$ 88.43	$ 311.37	$ 10.67	$ 15.44	$	$	$	$	$	$	$	$		$	$	$	$ 254.77	$ 57.32
	M-3	1,109.61	319.77	104.37	367.50	3.99	5.77													1,217.97	274.00
	M-4	82.33	23.73																	82.33	18.52
	M-5	102.06	29.41																	102.06	22.96
	M-7	5,621.58	1,620.05	70.05	246.65															5,691.63	1,280.46
	Const.																				
	Total	7,071.25	2,037.82	262.85	925.52	14.66	21.21														
6	Miles	55.849		2.879		5.664		.507								.114		4.297		69.310	
	M-1	6,598.77	118.15	537.17	186.58	686.20	121.15	60.32	118.97							19.76	173.33	267.26	62.20	8,169.48	117.87
	M-2	3,638.13	65.14																	3,638.13	52.49
	M-3	24,932.47	446.43	335.65	116.59	1,419.66	250.65	57.53	113.47									415.69	96.74	27,161.00	391.88
	M-4	2,342.73	41.95			173.03	30.55	1.29	2.54									36.04	8.39	2,553.09	36.83
	M-5	981.89	17.58																	981.89	14.17
	M-7	6,759.22	121.03	72.00	25.01	541.68	95.63											1,793.96	417.49	9,166.86	132.26
	M-8	11,447.36	204.97																	11,447.36	165.16
	M-9	975.26	17.46															661.49	153.94	1,636.75	23.61
	Const.																				
	Total	57,675.83	1,032.71	944.82	328.18	2,820.57	497.98	119.14	234.99												
8-6	Miles	0.932		0.867												19.76	173.33	3,174.44	738.76	64,754.56	934.27
	M-1	46.00	49.36	144.41	166.56															1.799	
	M-3	65.54	70.32	68.98	79.56															190.41	105.84
	M-4	11.76	12.62																	134.52	74.77
	Const.																			11.76	6.54
	Total	123.30	132.30	213.39	246.12																
7	Miles	1.223				3.897		0.190												336.69	187.15
	M-1	33.11	27.07			598.34	153.54	23.73	124.89											5.310	
	M-3	53.96	44.12			137.37	35.25	10.78	56.74											655.18	123.39
	M-4	60.66	49.60																	202.11	38.06
	M-7					897.26	230.24													60.66	11.42
	M-8																			897.26	168.98
	Const.																				
	Total	147.73	120.79			1,632.97	419.03	34.51	181.63												
8	Miles	23.830												0.124						1,815.21	341.85
	M-1	653.54	27.43																	23.954	
	M-3	7,174.58	301.07											58.21	469.44					711.75	29.72
	M-4	133.94	5.62											38.52	310.64					7,213.10	301.12
	M-5	1,250.13	52.46											15.41	124.27					149.35	6.23
	M-7	802.95	33.69											2,079.26	16,768.23					3,329.39	138.99
	Const.																			802.95	33.52
	Total	10,015.14	420.27																		
10	Miles	19.189		3.797				1.201						2,191.40	17,672.58					12,206.54	509.58
	M-1	1,110.07	57.85	736.57	193.99			94.06	78.32					0.043						24.230	
	M-2	1,341.60	69.92											23.29	541.63					1,963.99	81.06
	M-3	8,106.01	422.43	1,903.76	501.39			1,347.67	1,122.12											1,341.60	55.37
	M-4	469.33	24.46	56.63	14.91															11,357.44	468.73
	M-5	2,712.62	141.36																	525.96	21.71
	M-7	4,501.39	234.58	811.21	213.64															2,712.62	111.95
	M-8							456.97	380.49											5,812.60	219.26
	Const.																			456.97	18.86
	Total	18,241.02	950.60	3,508.17	923.93			1,898.70	1,580.93					23.29	541.63						
12	Miles	9.880								3.300				3.720						23,671.18	976.94
	M-1	713.13	72.18							3,080.48	933.47			1,795.65	482.71					16.900	
	M-2	109.61	11.09																	5,589.26	330.72
	M-3	6,684.42	676.57							104.30	31.61			1,180.60	317.34					109.61	6.49
	M-4	53.67	5.43																	7,969.32	471.55
	M-5	178.48	18.06							134.23	40.68			2,054.58	552.31					53.67	3.18
	M-7	5,330.69	539.54																	2,367.29	140.08
	Const.																			5,330.69	315.43
	Total	13,070.00	1,322.87							3,319.01	1,005.76			5,030.83	1,352.36						
13-E	Miles											0.107								21,419.84	1,267.45
	M-7											203.72	1,903.92							0.107	
	Const.																			203.72	1,093.92
	Total											203.72	1,903.92								
21	Miles	1.980				3.097								0.087						203.72	1.093.92
	M-1	655.71	331.17			447.18	144.39							44.56	512.18					5.164	
	M-3	2,405.18	1,214.74			1,730.96	558.91													1,147.45	222.20
	M-4	581.23	293.55			36.76	11.87													4,136.14	800.96
	M-7	236.83	119.61																	617.99	119.67
	Const.																			236.83	45.86
	Total	3,878.95	1,959.07			2,214.90	715.17							44.56	512.18						
22	Miles	0.147																		6.138.41	1.188.69
	M-1	5.14	34.96																	0.147	
	M-3																			5.14	34.96
	Const.																				
	Total	5.14	34.96																	5.14	34.96

ANALYSIS OF 1941 ROAD MAINTENANCE COSTS BY ROUTE, TYPE OF PAVEMENT AND CLASS OF WORK

ORDINARY MAINTENANCE:
M-1 Work on surface - travelled width
M-2 Work on paved shoulders
M-3 Work on drains, ditches, unpaved shoulders
M-4 Work on Guard Rails and fences
Const.-Cost incurred on jobs not maintained for FULL year.

EXTRAORDINARY REPAIRS:
E-5 Resurfacing, rebuilding, heavy patching - main pavement
E-6 Rebuilding paved shoulders
E-7 Rebuilding drains, new ditching, rebuilding unpaved shoulders
E-8 Replacing guard rails and fences

	Class of Work	CONCRETE		BITUMINOUS CONCRETE STONE BASE		BITUMINOUS CONCRETE CONCRETE BASE		STONE BLOCK		MACADAM		GRAVEL		BITUMINOUS MACADAM		BRICK		DIRT, CINDERS, ETC.		TOTAL	
		TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE
Rt. 23	Miles	45.996				0.040				6.459				0.082				2.650		55.227	
	M-1	$ 3,598.65	$ 78.23	$	$	$	$	$	$	$ 9,289.17	$ 1,438.17	$	$	$ 87.65	$ 1,068.90	$	$	$ 4,408.76	$ 1,663.68	$17,384.23	$ 314.78
	M-3	13,337.34	289.97			7.67	191.75			1,083.51	167.75			22.31	272.07			659.10	248.72	15,109.93	273.59
	M-4	2,659.42	57.82			2.77	69.25			160.64	24.87			30.62	373.41			102.17	38.55	2,955.62	53.52
	M-5	3,784.03	82.27																	3,784.03	68.52
	M-7	7,437.59	161.70																	7,437.59	134.67
	M-8	2,497.54	54.30																	2,790.33	50.52
	Const.													292.79	3,570.62						
	Total	33,314.57	724.29			10.44	261.00			10,533.32	1,630.79			433.37	5,285.00			5,170.03	1,950.95	49,461.73	895.60
24	Miles	24.730		2.299		4.865		0.231												32.125	
	M-1	3,516.16	142.18	679.95	295.76	300.57	61.78	80.17	347.06											4,576.87	142.47
	M-2	67.10	2.72			453.53	93.22													520.63	16.21
	M-3	7,249.02	293.13	398.58	173.37	847.95	174.30	60.24	260.78											8,555.79	266.33
	M-4	1,369.17	55.36																	1,369.17	42.62
	M-5	1,851.63	74.87	27.67	12.04	110.21	22.65													1,989.51	61.93
	M-7	3,967.90	160.45	369.96	160.92	1,889.32	388.35													6,227.18	193.84
	Const.																				
	Total	18,021.00	728.71	1,476.16	642.09	3,601.58	740.30	140.41	607.84											23,239.15	723.40
S-24	Miles	10.465				0.401								0.149						11.015	
	M-1	1,392.88	133.10			30.74	76.66							277.25	1,860.73					1,700.87	154.42
	M-2	7,964.73	761.08																	7,964.73	723.08
	M-3	3,578.50	341.95																	3,578.50	324.87
	M-4	511.74	48.90																	511.74	46.46
	M-7	549.58	52.52																	549.58	49.89
	Const.																				
	Total	13,997.43	1,337.55			30.74	76.66							277.25	1,860.73					14,305.42	1,298.72
25	Miles	80.436		16.665		6.738		4.973						0.255						109.067	
	M-1	13,397.89	166.57	4,835.62	290.17	2,878.78	427.25	3,906.05	785.45					358.85	1,407.25					25,377.19	232.68
	M-2	3,243.95	40.33	10.94	.66	223.52	33.17													3,478.41	31.89
	M-3	80,696.99	1,003.24	6,893.93	413.68	8,599.88	1,276.33	10,199.19	2,050.92					76.78	301.10					106,466.77	976.15
	M-4	2,158.99	26.84	365.32	21.92			406.31	81.70					37.96	148.86					2,968.58	27.22
	M-5	27,931.41	347.25	66.35	3.98	2,979.39	442.17							230.99	905.84					31,208.14	286.14
	M-7	21,106.50	262.40	3,597.24	215.85	789.16	117.12													25,492.90	233.73
	M-8	210.59	2.62			613.58	91.06													824.17	7.56
	Const.	864.44																		864.44	
	Total	149,610.76	1,849.25	15,769.40	946.26	16,084.31	2,387.10	14,511.55	2,918.07					704.58	2,763.05					196,680.60	1,795.37
26	Miles	25.161				0.687														25.848	
	M-1	4,218.29	167.65			262.82	382.56													4,481.11	173.36
	M-2	672.71	26.74																	672.71	26.03
	M-3	18,184.86	722.74			191.06	278.11													18,375.92	710.92
	M-4	481.30	19.13																	481.30	18.62
	M-5	3,509.96	139.50																	3,509.96	135.79
	M-7	4,641.80	184.48																	4,641.80	179.58
	Const.																				
	Total	31,708.92	1,260.24			453.88	660.67													32,162.80	1,244.30
27	Miles	18.205		0.821		24.236		1.140												44.402	
	M-1	4,305.23	236.49	360.71	439.35	3,905.43	161.14	60.01	52.64											8,631.38	194.39
	M-2	4,177.05	229.45			1,518.29	62.65													5,695.34	128.27
	M-3	10,478.99	575.61	522.52	636.44	9,675.97	399.23	99.61	87.38											20,777.09	467.93
	M-4	383.81	21.08	53.10	64.68	232.16	9.58													669.07	15.07
	M-5	10,349.39	568.49			194.08	8.01													10,543.47	237.45
	M-7	397.13	21.81	1,789.51	2,179.67	1,289.30	53.20													3,475.94	78.28
	Const.																				
	Total	30,091.60	1,652.93	2,725.84	3,320.14	16,815.23	693.81	159.62	140.02											49,792.29	1,121.39
28	Miles	50.617		0.208		6.012														56.837	
	M-1	7,973.53	157.53	121.21	582.74	471.45	78.42													8,566.19	150.72
	M-2	4,781.25	94.46			82.07	13.65													4,863.32	85.57
	M-3	20,236.02	399.79			1,657.98	275.77													21,894.00	385.21
	M-4	1,041.86	20.58			18.39	3.06													1,060.25	18.65
	M-5	4,046.19	79.94																	4,046.19	71.19
	M-7	7,081.31	139.90			230.17	38.29													7,311.48	128.64
	M-8	6,896.68	136.25																	6,896.68	121.34
	Const.																	20.06		20.06	
	Total	52,056.84	1,028.45	121.21	582.74	2,460.06	409.19											20.06		54,658.17	961.32
S-28	Miles	7.615												0.315						7.930	
	M-1	653.60	85.83											238.14	756.00					891.74	112.45
	M-2	2,109.02	276.96																	2,109.02	265.95
	M-3	2,946.60	386.95																	2,946.60	371.59
	M-4	242.84	31.89																	242.84	30.62
	M-7																				
	M-8	7,386.87	970.04											277.83	882.00					7,664.70	966.54
	Const.																				
	Total	13,338.93	1,751.67											515.97	1,638.00					13,854.90	1,747.15
29	Miles	45.524				0.668														46.192	
	M-1	6,264.72	137.61			628.10	940.27													6,892.82	149.22
	M-2	12,411.60	272.64																	12,411.60	268.70
	M-3	25,657.60	563.60			291.39	436.21													25,948.99	561.76
	M-4	1,963.73	43.14																	1,963.73	42.52
	M-5	5,536.08	121.61																	5,536.08	119.85
	M-7	5,768.70	126.72																	5,768.70	124.88
	M-8	7,950.77	174.65																	7,950.77	172.12
	Const.	4,598.37																		4,598.37	
	Total	70,151.57	1,439.97			919.49	1,376.28													71,071.06	1,439.05

ANALYSIS OF 1941 ROAD MAINTENANCE COSTS BY ROUTE, TYPE OF PAVEMENT AND CLASS OF WORK

ORDINARY MAINTENANCE:
M-1 Work on surface - travelled width
M-2 Work on paved shoulders
M-3 Work on drains, ditches, unpaved shoulders
M-4 Work on Guard Rails and fences
Const.-Cost incurred on jobs not maintained for FULL year.

EXTRAORDINARY REPAIRS:
E-5 Resurfacing, rebuilding, heavy patching - main pavement
E-6 Rebuilding paved shoulders
E-7 Rebuilding drains, new ditching, rebuilding unpaved shoulders
E-8 Replacing guard rails and fences

	Class of Work	CONCRETE		BITUMINOUS CONCRETE STONE BASE		BITUMINOUS CONCRETE CONCRETE BASE		STONE BLOCK		MACADAM		GRAVEL		BITUMINOUS MACADAM		BRICK		DIRT, CINDERS, ETC.		TOTAL	
		TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE
Rt. 29A	Miles	2.997																		2.997	
	M-1	$ 125.00	$ 41.70	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$ 125.00	$ 41.70
	M-3	1,199.10	400.10																	1,199.10	400.10
	M-4	17.31	5.78																	17.31	5.78
	Const.																				
	Total	1,341.41	447.58																	1,341.41	447.58
30	Miles	47.160		0.152		0.020				0.131				0.500						47.963	
	M-1	3,465.97	73.49	279.14	1,836.45					182.07	1,389.83			412.60	825.20					4,339.78	90.48
	M-2	2,066.67	43.82																	2,066.67	43.10
	M-3	19,830.59	420.50	136.44	897.63					46.76	356.94			149.91	299.82					20,163.70	420.40
	M-4	1,628.09	34.52							23.43	178.38									1,651.52	34.43
	M-5	14,955.15	317.12											664.05	1,328.10					15,619.20	325.65
	M-7	4,484.61	95.10																	4,484.61	93.50
	M-8	2,840.11	60.22																	2,840.11	59.21
	Const.																				
	Total	49,271.19	1,044.77	415.58	2,734.08					252.26	1,925.65			1,226.56	2,453.12					51,165.59	1,066.77
31	Miles	50.615		0.787						3.458				1.200						56.060	
	M-1	3,237.64	63.97	94.65	120.27					1,835.13	530.69			403.15	335.96					5,570.57	99.37
	M-3	19,607.51	387.39	398.76	506.68					1,464.67	423.56			160.02	133.35					21,630.96	385.85
	M-4	931.16	18.40	72.41	92.01					43.46	12.57									1,047.03	18.68
	M-5	357.54	7.05							538.34	155.68									895.88	15.98
	M-7	11,608.14	229.34																	11,608.14	207.07
	M-8	5,257.83	103.88	1,235.18	1,569.48															6,493.01	115.82
	Const.																				
	Total	40,999.82	810.03	1,801.00	2,288.44					3,881.60	1,122.50			563.17	469.31					47,245.59	842.77
S-31	Miles	13.070								2.300		2.600		0.499						18.469	
	M-1	559.54	42.80							2,763.14	1,201.36	3,980.35	1,530.90	739.25	1,481.46					8,042.28	435.45
	M-2	2,684.39	205.39																	2,684.39	145.34
	M-3	4,358.28	333.46							468.02	203.49	626.45	240.94	145.80	292.18					5,598.55	303.13
	M-4	413.40	31.63							65.01	28.27	30.78	11.84	11.02	22.08					520.21	28.17
	M-5									619.96	269.55	1,694.62	651.78							2,314.58	125.32
	M-7	16.91	1.29																	16.91	.92
	M-8	10,211.80	781.32									36.39	14.00	965.02	1,933.91					11,213.21	607.14
	Const.	826.65																		826.65	
	Total	19,070.97	1,395.89							3,916.13	1,702.67	6,368.59	2,449.46	1,861.09	3,729.63					31,216.78	1,645.47
32	Miles	9.600		7.158		3.819														20.577	
	M-1	1,353.08	140.95	779.12	108.85	484.28	126.81													2,616.48	127.16
	M-2	79.18	8.25	488.32	68.22															567.50	27.58
	M-3	2,822.90	294.05	2,072.80	289.58	817.85	214.15													5,713.55	277.67
	M-4	212.47	22.13	54.03	7.55	17.27	4.52													283.77	13.79
	M-7	1,179.60	122.87	2,144.35	299.57	386.50	101.20													3,710.45	180.31
	Const.																				
	Total	5,647.23	588.25	5,538.62	773.77	1,705.90	446.68													12,891.75	626.51
33	Miles	33.932		1.200		2.614														37.746	
	M-1	1,961.45	57.81	157.34	131.12	517.34	197.92													2,636.13	69.84
	M-2	1,041.14	30.63			191.80	73.37													1,232.94	32.66
	M-3	19,037.47	561.05	986.81	822.34	478.68	183.12													20,502.96	543.19
	M-4	731.52	21.56																	731.52	19.38
	M-7	6,427.60	189.42	283.03	235.86	506.58	193.79													7,217.21	191.20
	M-8			76.72	63.93															76.72	2.03
	Const.																				
	Total	29,199.18	860.52	1,503.90	1,253.25	1,694.40	648.20													32,397.48	858.30
34	Miles	25.683				0.097														25.780	
	M-1	2,264.05	88.15																	2,264.05	87.82
	M-3	31,067.22	1,209.64																	31,067.22	1,205.09
	M-4	677.73	26.39																	677.73	26.29
	M-7	27,329.32	1,064.10																	27,329.32	1,060.10
	M-8	3,724.67	145.02																	3,724.67	144.48
	Const.																				
	Total	65,062.99	2,533.30																	65,062.99	2,523.78
35	Miles	51.968		2.210		13.920								.437		.282		.133		68.950	
	M-1	8,051.03	154.93	396.38	179.36	2,361.72	169.66							1,059.43	2,424.32	77.24	273.90	55.46	416.99	12,001.26	174.06
	M-3	41,269.28	794.12	90.25	40.84	6,404.02	460.06							153.75	351.83					47,917.30	694.95
	M-4	2,315.67	44.56			135.75	9.75							86.50	197.94					2,537.92	36.81
	M-5	721.43	13.88											1,264.09	2,892.65					1,985.52	28.80
	M-7	9,506.79	182.93											26.90	61.56					9,533.69	138.27
	M-8	2,715.07	52.25																	2,715.07	39.38
	Const.																				
	Total	64,579.27	1,242.67	486.63	220.20	8,901.49	639.47							2,590.67	5,928.30	77.24	273.90	55.46	416.99	76,690.76	1,112.27
36	Miles	14.100		.240																14.340	
	M-1	2,365.72	167.78	1.24	5.17															2,366.96	165.06
	M-3	9,998.76	709.14																	9,998.76	697.27
	M-4	543.82	38.57																	543.82	37.92
	M-5	2,110.27	149.66																	2,110.27	147.16
	M-7	1,600.54	113.51																	1,600.54	111.61
	Const.																				
	Total	16,619.11	1,178.66	1.24	5.17															16,620.35	1,159.02

ANALYSIS OF 1941 ROAD MAINTENANCE COSTS BY ROUTE, TYPE OF PAVEMENT AND CLASS OF WORK

ORDINARY MAINTENANCE:
M-1 Work on surface - travelled width
M-2 Work on paved shoulders
M-3 Work on drains, ditches, unpaved shoulders
M-4 Work on Guard Rails and fences
Const.-Cost incurred on jobs not maintained for FULL year.

EXTRAORDINARY REPAIRS:
E-5 Resurfacing, rebuilding, heavy patching - main pavement
E-6 Rebuilding paved shoulders
E-7 Rebuilding drains, new ditching, rebuilding unpaved shoulders
E-8 Replacing guard rails and fences

	Class of Work	CONCRETE		BITUMINOUS CONCRETE STONE BASE		BITUMINOUS CONCRETE CONCRETE BASE		STONE BLOCK		MACADAM		GRAVEL		BITUMINOUS MACADAM		BRICK		DIRT, CINDERS, ETC.		TOTAL	
		TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE
Rt. 37	Miles	23.582				.719						2.801		1.038						28.140	
	M-1	$ 628.48	$ 26.65	$	$	$ 1,240.65	$ 1,725.52	$	$	$	$	$ 4,397.05	$ 1,569.82	$ 249.07	$ 239.96		$	$	$	$ 6,515.25	$ 231.54
	M-2	51.92	2.20																	51.92	1.84
	M-3	14,317.56	607.15			427.77	594.95					2,125.83	758.95	1,069.35	1,030.20					17,940.51	637.54
	M-4	267.03	11.32											48.88	47.09					315.91	11.23
	M-7	2,147.19	91.05									54.01	19.28	1,323.66	1,275.20					3,524.86	125.26
	Const.																				
	Total	17,412.18	738.37			1,668.42	2,320.47					6,576.99	2,348.05	2,690.96	2,592.45					28,348.45	1,007.41
38	Miles	16.801																		16.801	
	M-1	1,023.09	60.89																	1,023.09	60.89
	M-3	21,701.46	1,291.68																	21,701.46	1,291.68
	M-4	603.51	35.92																	603.51	35.92
	M-5	155.56	9.26																	155.56	9.26
	M-7	3,154.11	187.73																	3,154.11	187.72
	Const.	2,289.51																		2,289.51	
	Total	28,927.24	1,585.48																	28,927.24	1,585.48
39	Miles	29.679		8.000		.249								.521						38.449	
	M-1	1,355.02	45.66	968.47	121.06	61.69	247.75							122.25	234.64					2,507.43	65.21
	M-3	15,817.57	532.95	16,003.69	2,000.46									14.38	27.60					31,835.64	828.00
	M-4	203.97	6.87	96.21	12.03															300.18	7.81
	M-5	5,032.42	169.56																	5,032.42	130.88
	M-7	2,218.06	74.73	94.19	11.77									23.22	44.57					2,335.47	60.74
	M-8	2,409.60	81.19																	2,409.60	62.67
	Const.																				
	Total	27,036.64	910.96	17,162.56	2,145.32	61.69	247.75							159.85	306.81					44,420.74	1,155.31
40	Miles	55.041		3.052																58.093	
	M-1	3,314.90	60.23	2,077.35	680.65															5,392.25	92.82
	M-2	5.13	.09																	5.13	.09
	M-3	58,451.66	1,061.96	1,036.01	339.45															59,487.67	1,024.00
	M-4	1,308.39	23.77																	1,308.39	22.53
	M-5	310.36	5.64																	310.36	5.35
	M-7	12,378.64	224.90																	12,378.64	213.08
	M-8	45.00	.82																	45.00	.77
	Const.																				
	Total	75,814.08	1,377.41	3,113.36	1,020.10															78,927.44	1,358.64
S-40	Miles	23.190																		23.190	
	M-1	1,143.80	49.32																	1,143.80	49.32
	M-3	15,622.78	673.69																	15,622.78	673.69
	M-4	1,318.63	56.86																	1,318.63	56.86
	M-7	2,836.59	122.32																	2,836.59	122.32
	Const.																				
	Total	20,921.80	902.19																	20,921.80	902.19
41	Miles	9.001												.389						9.390	
	M-1	507.29	56.36											1,198.73	3,081.57					1,706.02	181.68
	M-3	8,440.60	937.74											376.62	968.17					8,817.22	939.00
	M-4	79.52	8.83											19.91	51.18					99.43	10.59
	M-7	602.28	66.91																	602.28	64.14
	Const.													1,305.26	4,100.92					11,274.95	1,195.41
	Total	9,629.69	1,069.84																	20.628	
S-41	Miles	18.768		0.520						1.340										841.62	40.79
	M-1	603.70	32.17	25.45	48.94					212.47	158.56									16,789.53	812.97
	M-3	16,065.91	856.02	546.58	1,051.11					157.44	117.49									191.44	9.28
	M-4	191.44	10.20																	1,605.17	77.82
	M-7	1,605.17	85.53																	1,012.20	49.07
	M-8	1,012.20	53.93																		
	Const.									369.91	276.05									20,420.36	989.93
	Total	19,478.42	1,037.85	572.03	1,100.05															46.356	
42	Miles	42.921				3.435														2,194.71	47.34
	M-1	1,647.16	38.38			547.55	159.40													1,196.21	25.80
	M-2	1,196.21	27.87																	24,329.50	524.84
	M-3	22,285.88	519.22			2,043.62	594.94													119.55	2.59
	M-4	119.55	2.79																	250.35	5.40
	M-5	250.35	5.83																	9,162.14	197.65
	M-7	9,162.14	213.47																	2,519.96	54.36
	M-8	2,519.96	58.71																		
	Const.																			39,772.42	857.98
	Total	37,181.25	866.27			2,591.17	754.34					* 15.800								47.869	
43	Miles	47.869																		12,751.76	266.39
	M-1	9,193.34	192.05									3,558.42	225.22							20,690.08	432.22
	M-3	20,690.08	432.22																	723.64	15.12
	M-4	723.64	15.12																	5,477.09	114.42
	M-5	5,477.09	114.42																	16,451.05	343.66
	M-7	16,451.05	343.67																		
	Const.											3,558.42	225.22							56,093.62	1,171.81
	Total	52,535.20	1,097.48																		

* Route #43 Narrow Gravel Pavement 10' to 11' wide - Parallel to Concrete, not included in the total of miles

ANALYSIS OF 1941 ROAD MAINTENANCE COSTS BY ROUTE, TYPE OF PAVEMENT AND CLASS OF WORK

Schedule # 9-F

ORDINARY MAINTENANCE:
M-1 Work on surface - travelled width
M-2 Work on paved shoulders
M-3 Work on drains, ditches, unpaved shoulders
M-4 Work on Guard Rails and fences
Const.-Cost incurred in jobs not maintained for FULL year.

EXTRAORDINARY REPAIRS:
E-5 Resurfacing, rebuilding, heavy patching - main pavement
E-6 Rebuilding paved shoulders
E-7 Rebuilding drains, new ditching, rebuilding unpaved shoulders
E-8 Replacing guard rails and fences

	Class of Work	CONCRETE		BITUMINOUS CONCRETE STONE BASE		BITUMINOUS CONCRETE CONCRETE BASE		STONE BLOCK		MACADAM		GRAVEL		BITUMINOUS MACADAM		BRICK		DIRT, CINDERS ETC.		TOTAL	
		TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE
Rt.	Miles	15.617		8.600						2.435				2.718						29.370	
44	M-1	$ 3,219.11	$ 206.13	$ 1,751.62	$ 203.68		$	$	$	$ 1,758.26	$ 722.08		$	$ 3,108.38	$ 1,143.63		$	$	$	$ 9,837.37	$ 334.95
	M-3	8,007.76	512.76	4,018.40	467.25					168.68	69.27			1,442.99	530.90					13,637.83	464.35
	M-4	262.24	16.79	71.41	8.30									149.03	54.83					482.68	16.43
	M-5	917.51	58.75																	917.51	31.24
	M-7	1,791.36	114.71	76.10	8.85															1,867.46	63.58
	Const.	1,908.92																		1,908.92	
	Total	16,106.90	909.14	5,917.53	688.08					1,926.94	791.35			4,700.40	1,729.36					28,651.77	910.55
45	Miles	30.321		6.591		0.242								0.930						38.084	
	M-1	7,339.83	242.07	2,990.24	453.68	60.03	248.06							107.22	115.29					10,497.32	275.63
	M-2	245.50	8.10																	245.50	6.45
	M-3	18,714.18	617.20	3,334.87	505.97															22,049.05	578.96
	M-4	476.02	15.70	43.79	6.65															519.81	13.65
	M-5	18,295.02	603.38																	18,295.02	480.38
	M-7	11,445.33	377.47																	11,445.33	300.53
	Const.																				
	Total	56,515.88	1,863.92	6,368.90	966.30	60.03	248.06							107.22	115.29					63,052.03	1,655.60
46	Miles	20.667																		20.667	
	M-1	1,796.36	86.92																	1,796.36	86.92
	M-3	14,783.42	715.31																	14,783.42	715.31
	M-4	418.79	20.26																	418.79	20.26
	M-7	169.18	8.19																	169.18	8.19
	M-8	112.23	5.43																	112.23	5.43
	Const.																				
	Total	17,279.98	836.11																	17,279.98	836.11
47	Miles	42.784		11.058												0.500				54.342	
	M-1	1,886.41	44.09	4,218.20	381.46											22.86	45.72			6,127.47	112.76
	M-3	34,830.10	814.09	10,534.20	952.63											33.23	66.46			45,397.53	835.40
	M-4	339.82	7.94	52.88	4.78															392.70	7.23
	M-5	882.73	20.63													2,098.49	4,196.98			2,981.22	54.86
	M-7	2,975.12	69.54	139.23	12.59															3,114.35	57.31
	M-8	131.77	3.08																	131.77	2.42
	Const.																				
	Total	41,045.95	959.37	14,944.51	1,351.46											2,154.58	4,309.16			58,145.04	1,069.98
48	Miles	34.315		8.026		22.596														64.937	
	M-1	2,252.57	65.64	5,446.34	678.59	2,154.27	95.34													9,853.18	151.73
	M-3	20,202.83	588.75	2,568.86	320.07	13,832.57	612.17													36,604.26	563.69
	M-4	301.85	8.80	1.90	.24	179.13	7.93													482.88	7.44
	M-5	6,049.87	176.30	507.77	63.26															6,557.64	100.98
	M-7	935.70	27.27	3,990.41	497.18															4,926.11	75.86
	M-8	4,926.11	143.55	686.43	85.53															5,612.54	86.43
	Const.																				
	Total	34,668.93	1,010.31	13,201.71	1,644.87	16,165.97	715.44													64,036.61	986.13
49	Miles	42.135		0.313		9.880						0.896				0.250				53.474	
	M-1	2,515.12	59.69	101.97	325.78	785.29	79.48					128.67	143.60			116.64	466.56			3,647.69	68.21
	M-3	22,099.61	524.50			3,071.59	310.89					130.56	145.74			252.47	1,009.88			25,554.25	477.88
	M-4	797.04	18.92									36.29	40.50							833.33	15.58
	M-5	6,283.15	149.12																	6,283.15	117.50
	M-7	943.08	22.38																	943.08	17.64
	Const.	440.09																		440.09	
	Total	33,078.09	774.61	101.97	325.78	3,856.88	390.37					295.54	329.84			369.11	1,476.44			37,701.59	696.81
S-49	Miles	13.460																		13.460	
	M-1	363.76	27.03																	363.76	27.03
	M-3	9,986.41	741.93																	9,986.41	741.93
	M-4	240.24	17.84																	240.24	17.84
	Const.																				
	Total	10,590.41	786.80																	10,590.41	786.80
50	Miles	25.141				0.200														25.341	
	M-1	1,235.21	49.13			24.16	120.80													1,259.37	49.69
	M-3	14,377.49	571.87			426.60	2,133.00													14,804.09	584.19
	M-4	472.50	18.79																	472.50	18.65
	M-5	33.91	1.35																	33.91	1.34
	M-8	75.39	3.00																	75.39	2.78
	Const.																				
	Total	16,194.50	644.14			450.76	2,253.80													16,645.26	656.85
51	Miles	0.342																		.342	
	M-1	92.31	269.91																	92.31	269.91
	M-2	33.02	96.55																	33.02	96.55
	M-3																				
	M-4																	5,333.58		5,333.58	
	Const.																				
	Total	125.33	366.46															5,333.58		5,458.91	366.46

Schedule # 9-G

ANALYSIS OF 1941 ROAD MAINTENANCE COSTS BY ROUTE, TYPE OF PAVEMENT AND CLASS OF WORK

ORDINARY MAINTENANCE:
M-1 Work on surface - travelled width
M-2 Work on paved shoulders
M-3 Work on drains, ditches, unpaved shoulders
M-4 Work on Guard rails and fences
Const.-Cost incurred on jobs not maintained for FULL year

EXTRAORDINARY REPAIRS:
E-5 Resurfacing, rebuilding, heavy patching - Main pavement
E-6 Rebuilding paved shoulders
E-7 Rebuilding drains, new ditching, rebuilding unpaved shoulders
E-8 Replacing guard rails and fences

Class of Work	CONCRETE		BITUMINOUS CONCRETE STONE BASE		BITUMINOUS CONCRETE CONCRETE BASE		STONE BLOCK		MACADAM		GRAVEL		BITUMINOUS MACADAM		BRICK		DIRT, CINDERS ETC.		TOTAL	
	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE
Miles	1351.516		89.781		134.209		8.634		19.423		20.456		17.259		1.546		23.189		1666.043	
M-1	$137,129.42	$ 101.46	$29,463.72	$ 329.17	$22,315.51	$ 166.27	$ 4,261.62	$ 491.88	$19,120.72	$ 984.44	$16,885.46	$ 825.45	$12,001.44	$ 695.37	$ 423.87	$ 274.17	$ 4,731.48	$ 204.04	$ 246,333.24	$ 147.85
M-2	79,511.30	58.83	499.26	5.56	2,598.49	19.36													82,609.04	49.53
M-3	824,933.25	610.38	55,506.26	618.24	61,048.41	454.88	13,889.90	1,603.17	3,493.38	179.86	8,931.31	436.61	6,895.48	399.53	365.75	236.58	1,180.57	50.91	976,244.31	585.97
M-4	35,026.14	25.92	1,143.73	12.74	1,236.82	9.22	407.60	47.05	292.54	15.06	664.37	32.48	826.59	47.89			138.21	5.96	39,736.00	23.86
E-5	138,850.30	102.74	601.79	6.70	3,283.69	24.47			1,292.53	66.54	1,981.23	96.85	7,984.66	462.64	2,098.49	1,357.37			156,092.68	93.69
E-7	231,723.08	171.45	16,455.31	183.28	6,820.57	50.82	72.47	8.36			1,808.34	88.40	1,978.62	114.64			2,026.71	87.40	260,885.10	156.59
E-8	92,725.11	68.61	1,998.33	22.26	660.13	4.92	456.97	52.74			125.53	6.14	1,573.79	91.19					97,539.91	58.55
Total	1,539,898.60		105,668.40		97,963.65		19,088.56		24,199.17		30,396.24		31,260.58		2,888.11		8,076.97		1,859,440.28	
Const	12,018.79										1,505.95		1,109.31				6,015.13		20,649.18	
Grand Total	1,551,917.39	1,139.39	105,668.40	1,176.95	97,963.65	729.94	19,088.56	2,203.20	24,199.17	1,245.90	31,902.19	1,485.93	32,369.89	1,811.26	2,888.11	1,868.12	14,092.10	348.31	1,880,089.46	1,116.08

ANALYSIS OF 1941 ROAD MAINTENANCE COST BY ROUTE AND TYPE OF PAVEMENT

ROUTE	TOTAL		CONCRETE		BITUMINOUS CONCRETE STONE BASE		BITUMINOUS CONCRETE CONCRETE BASE		STONE BLOCK		MACADAM		GRAVEL		BITUMINOUS MACADAM		BRICK		DIRT, CINDERS ETC.	
	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE	TOTAL COST	COST PER MILE
1	$ 40,646.14	$1,584.00	$ 27,629.90	$1,372.64	$ 9,141.85	$ 3,058.51	$ 388.63	$ 292.20	$ 2,224.63	$ 5,271.63	$	$	$	$	$ 1,261.13	$1,686.89	$	$	$	$
S-1	4,834.92	1,537.34	4,829.68	1,579.35			5.24	60.23												
S-1A	639.93	306.05	639.93	306.05																
2	51,850.42	1,978.95	51,482.84	1,985.84											367.58	1,331.81				
3	17,799.28	2,253.36	17,519.87	2,240.67			10.56	162.46							268.85	17,923.33				
S-3	1,795.12	2,210.73	64.97	85.15											1,730.15	35,309.18				
4	149,862.75	927.58	118,457.65	953.15	375.17	409.57	13,343.68	743.79					13,393.08	953.11	4,025.75	1,013.78	267.42	668.55		
S-4	3,944.88	1,558.42	2,438.93	1,558.42									1,505.95							
S-4B	338.53	21.01																	338.53	21.01
5	7,348.76	1,653.26	7,071.25	2,037.82	262.85	925.52	14.66	21.21												
6	64,754.56	934.27	57,675.83	1,032.71	944.82	328.18	2,820.57	497.98	119.14	234.99							19.76	173.33	3,174.44	738.76
S-6	336.69	187.15	123.30	132.30	213.39	246.12														
7	1,815.21	341.85	147.73	120.79			1,632.97	419.03	34.51	181.63										
8	12,206.54	509.58	10,015.14	420.27											2,191.40	17,672.58				
10	23,671.18	976.94	18,241.02	950.60	3,508.17	923.93			1,898.70	1,680.93					23.29	541.63				
12	21,419.84	1,267.45	13,070.00	1,322.87							3,319.01	1,005.76			5,030.83	1,352.36				
13E	203.72	1,093.92											203.72	1,093.92						
21	6,138.41	1,188.69	3,878.95	1,989.07			2,214.90	715.17							44.56	512.18				
22	5.14	34.96	5.14	34.96																
23	49,461.73	895.60	33,314.57	724.29			10.44	261.00			10,533.32	1,630.79			433.37	5,285.00			5,170.03	1,950.95
24	23,239.15	723.40	18,021.00	728.71	1,476.16	642.09	3,601.58	740.30	140.41	607.84										
S-24	14,305.42	1,298.72	13,997.43	1,337.55			30.74	76.69							277.25	1,860.73				
25	196,680.60	1,795.37	149,610.76	1,849.25	15,769.40	946.26	16,084.31	2,387.10	14,511.55	2,919.07					704.58	2,763.05				
26	32,162.80	1,244.30	31,708.92	1,260.24			453.88	660.67												
27	49,792.29	1,121.39	30,091.60	1,652.93	2,725.84	3,320.14	16,815.23	693.81	159.62	140.02										
28	54,658.17	961.32	52,056.84	1,028.45	121.21	582.74	2,460.06	409.19											20.06	
S-28	13,854.90	1,747.15	13,338.93	1,751.67											515.97	1,638.00				
29	71,071.06	1,439.05	70,151.57	1,439.97			919.49	1,376.48												
29A	1,341.41	447.58	1,341.41	447.58																
30	51,165.59	1,066.77	49,271.19	1,044.77	415.58	2,734.08					252.26	1,925.65			1,226.56	2,453.12				
31	47,245.59	842.77	40,999.82	810.03	1,801.00	2,288.44					3,881.60	1,122.50			563.17	469.31				
S-31	31,216.78	1,645.47	19,070.97	1,395.89							3,916.13	1,702.67	6,368.59	2,449.46	1,861.09	3,729.63				
32	12,891.75	626.51	5,647.23	588.25	5,538.62	773.77	1,705.90	446.68												
33	32,397.48	858.30	29,199.18	860.52	1,503.90	1,253.25	1,694.40	648.20												
34	65,062.99	2,523.78	65,062.99	2,533.30																
35	76,690.76	1,112.27	64,579.27	1,242.67	486.63	220.20	8,901.49	639.47							2,590.67	5,928.30	77.24	273.90	55.46	416.99
36	16,620.35	1,159.02	16,619.11	1,178.66	1.24	5.17														
37	28,348.45	1,007.41	17,412.18	738.37			1,668.42	2,320.47					6,576.89	2,348.05	2,690.96	2,592.45				
38	28,927.24	1,585.48	28,927.24	1,585.48																
39	44,420.74	1,155.31	27,036.64	910.96	17,162.56	2,145.32	61.69	247.75							159.85	306.81				
40	78,927.44	1,358.64	75,814.08	1,377.41	3,113.36	1,020.10														
S-40	20,921.80	902.19	20,921.80	902.19																
41	11,224.55	1,195.41	9,629.69	1,069.84							369.91	276.05			1,595.26	4,100.92				
S-41	20,420.36	989.93	19,478.42	1,037.85	572.03	1,100.05														
42	39,772.42	857.98	37,181.25	866.27			2,591.17	754.34												
43	56,093.62	1,171.81	52,535.20	1,097.48									3,558.42	225.22						
44	28,651.77	910.55	16,106.90	909.14	5,917.53	688.08					1,926.94	791.35			4,700.40	1,729.36				
45	63,052.03	1,655.60	56,515.88	1,863.92	6,338.90	966.30	60.03	248.06							107.22	115.29				
46	17,279.98	836.11	17,279.98	836.11																
47	58,145.04	1,069.93	41,045.95	959.37	14,944.51	1,351.46											2,154.58	4,309.16		
48	64,036.61	986.13	34,668.93	1,010.31	13,201.71	1,644.87	16,165.97	715.44												
49	37,701.59	696.81	33,078.09	774.61	101.97	325.78	3,856.38	390.37					295.54	329.84			369.11	1,476.44		
S-49	10,590.41	786.80	10,590.41	786.80																
50	16,645.26	656.85	16,194.50	644.14			450.76	2,253.80											5,333.58	
51	5,458.91	366.46	125.33	366.46																
GRAND TOTAL	$1,880,089.46	$1,116.08	1,551,917.39	1,139.39	$105,668.40	$1,176.95	$97,963.65	$ 729.94	$19,088.56	$2,203.20	$24,199.17	$1,245.90	$31,902.19	$1,485.93	$32,369.89	$1,811.26	$2,888.11	$1,868.12	$14,092.10	$348.31

Total Mileage 1666.043

Expenditures and Commitments
ELECTRICAL DIVISION
January 1st, 1941 to December 31st, 1941

Expenditures:			
Direct:			
Salaries	$ 167,398.38		
Supervision	5,818.22		
Salary Labor	8,272.39		
Labor	406,581.97		
" Military Leave	2,881.00		
" Equip. Chauff.	1,650.56		
Dept. Trucks	9,748.49		
" Cars	13,233.37		
" Equip.	2,581.25		
Purchase & Stores	3,196.95		
Material & Supplies	75,818.08		
" Fernwood	33,692.39		
Light, Heat & Water	22,193.71		
Current	506,572.03		
Contract & Agreement	4,264.74		
Special Services	693.50		
Travel Expense	1,414.53		
Outside Equipment	12,035.18		
Rent	688.00		
Telephone	685.37		
Compensation & Medical	4,236.95		
Insurance	213.13		
Charges from Maint. & Equip. Divs.	16,593.50		
" from Engr. Division	56.30		
Miscellaneous	2,381.67	$1,302,901.66	
General:			
Salaries	$ 20,877.61		
Travel Expense	86.75		
Outside Equipment	1,965.13		
Office Supplies	1,544.02		
" Furn. & Equip.	1,259.07		
Photography, Blue Print, etc.	210.24		
Postage	615.81		
Freight, Cartage, Storage	6.26		
Telephone	1,733.92		
Special Services	220.65		
Building & Grounds	2,117.20		
Rent	960.00		
Light, Heat & Water	57.75		
Insurance	247.04		
Equipment Rental	2,059.28		
Miscellaneous	405.11	34,365.84	
TOTAL EXPENDITURES -			$1,337,267.50
Commitments:			
Labor Unpaid	$ 992.80		
Material, Freight, etc.	158,574.47		
Liability Compensation	1,000.50		
Municipal Aid Agree.	104,502.25		
TOTAL COMMITMENTS -			265,070.02
TOTAL EXPENDITURES & COMMITMENTS -			$1,602,337.52

Schedule #11

Distribution of Expenditures and Commitments
ELECTRICAL DIVISION
January 1st,1941 to December 31st,1941

Expenditures:	Total	Maintenance	Operation	Installation	Credit Work Done for Other Divisions
Lighting, State	$ 222,620.41	$ 3,408.68	$201,090.88	$ 18,120.85	$ 0
Lighting, Municipal Aid	288,172.92	0	288,172.92	0	0
Traffic Signals,State	200,451.16	57,824.42	33,964.05	108,662.69	0
Traffic Count	276,642.44	276,642.44	0	0	0
Accident Investigation	18,920.58	18,920.58	0	0	0
Draw Bridge Operation	309,097.10	30,412.48	278,359.59	325.03	0
Other Divisions	8,235.80	0	0	0	8,235.80
Accounts Receivable	13,127.09	0	0	0	13,127.09
Total Expenditures -	$1,337,267.50	$387,208.60	$801,587.44	$127,108.57	$ 21,362.89
Commitments:	265,070.02	1,665.30	124,183.20	139,221.52	0
T o t a l -	$1,602,337.52	$388,873.90	$925,770.64	$266,330.09	$ 21,362.89

Status of Allotment - Electrical Division

	Balance 1940 Commitments	1941 Funds	Total Funds	1941 Expenditures	1941 Commitments	Total Expenditures & Commitments	Balance
Installation & Maintenance	$284,195.30	$1,140,000.00	$1,424,195.30	$1,006,807.51	$258,227.07	$1,265,034.58	$ 159,160.72
Opera.of Bridges	4,525.00	365,000.00	369,525.00	309,097.10	6,842.95	315,940.05	53,584.95
	$288,720.30	$1,505,000.00	$1,793,720.30	$1,315,904.61	$265,070.02	$1,580,974.63	$ 212,745.67

Distribution of Expenditures and Commitments
on Institutional Roads and Approaches
January 1st to December 31st, 1 9 4 1

Schedule #12

	Expenditures	Commitments
Annandale Boys Reformatory	$ 13,276.81	$ 623.19
Bordentown Prison Farm	12,800.52	0
Clinton Reformatory for Women	11,319.81	7,680.19
Glen Gardner Sanatorium	19,427.04	0
Greystone Park State Hospital	31,853.20	4,646.80
Jamesburg Boys Reformatory	7,706.91	1,293.09
Leesburg Prison Farm	3,206.90	493.10
Marlboro State Hospital	42,422.77	0
New Lisbon State Colony	8,322.64	0
Rahway Reformatory	112.02	4,887.98
Skillman Village for Epileptics	37,850.09	0
Totowa Training School	3,481.45	2,018.55
Trenton State Hospital	19,975.40	4,035.60
Trenton State Home for Girls	883.90	716.10
Vineland Disabled Soldiers Home	744.94	655.06
" Home for Feeble Minded Females	918.84	881.16
" Home for Feeble Minded Colored	116.71	283.29
Woodbine Home for Feeble Minded Males	2,126.05	573.95
Menlo Park Soldiers Home	9,701.43	1,098.57
Bordentown Industrial School	7,705.22	0
Glassboro Normal School	1,748.43	951.57
Hillwood Lakes - State Teachers College	1,285.17	214.83
Montclair State Teachers College	259.80	1,440.20
Trenton School for Deaf	7,891.38	108.62
Cheesequake State Park	7,248.25	0
Hacklebarney State Park	14,180.78	0
Parvin State Park	2,720.73	2,079.27
Voorhees State Park	4,192.99	507.01
Washington Crossing State Park	265.39	2,034.61
Lebanon State Forest	10,122.94	3,877.06
Stokes State Forest	14,086.67	2,913.33
Ringwood Manor State Park	8,200.98	0
Stephens State Park	1,289.50	610.50
Swartzwood Manor State Park	403.90	323.18
Atlantic City Armory	-	-
Burlington Armory	191.60	108.40
Camden Armory	10.18	189.82
Elizabeth Armory	8,216.99	0
Morristown Armory	69.75	130.25
Newark Airport(114th Observation Squadron)	-	220.00
Red Bank Armory	156.29	43.71
Teaneck Armory	367.24	232.76
Westfield Armory	43.44	156.56
West Orange Armory	677.47	622.53
Woodbury Armory	40.02	659.98
Sea Girt State Encampment	10,000.48	0
Morristown State Police	185.68	514.32
Wilburtha " "	802.76	97.24
Carranza Monument	572.67	27.33
Washington Rock Park	30.42	169.58
Princeton Battle Monument Approach	317.50	482.50
High Pt. Park Commission	17,865.16	1,134.84

Distribution of Expenditures and Commitments
on Institutional Roads and Approaches
January 1st to December 31st, 1 9 4 1
(2)

Schedule #12-A

	Expenditures	Commitments
New Brunswick Experimental Station	$ 8,265.77	$ 2,098.20
Sussex County Branch Station	1,543.81	656.19
Edison Tower of Light	350.60	249.40
State House Parking Area	1,821.92	178.08
State Annex Ramp	1,438.60	500.00
State Highway Garage - Newark	3,832.00	199.99
Fernwood Warehouse	5,688.92	5,311.08
Hackettstown Game Farm	654.68	0
Hackettstown Fish Hatchery	45.95	0
Mount Holly Armory	264.89	0
Steuben House	73.78	326.22
Eggerts Crossing Armory 112th Field Artil.	52.42	147.58
Asbury Park Armory	74.54	0
Camden Armory - 157th Field Artil.	6,300.88	0
Trenton Armory	777.10	422.90
Rocky Hill Headquarters Road	1,478.49	0
Cumberland County Armory	20,161.95	9,273.98
Vineland Garage	685.47	0
Freehold Armory	-	3,600.00
Vineland Poultry Laboratory	-	100.00
	$400,908.98	$ 72,800.25

Schedule #13

Motor Vehicle Fund - County Aid
Jan. 1, 1941 to Dec. 31, 1941

Recapitulation of Funds & Disbursements

County	Balance on Allotment Dec.31,1940	Allotted 1941	Secondary & Feeder Roads Federal Aid Transfers	Total	Paid to Counties Jan. 1 to Dec.31,1941	Balance on Allotment Dec. 31,1941
Atlantic	$ 148,469.21	$ 351,920.00	$ 0	$ 500,389.21	$ 462,783.49	$ 37,605.72
Bergen	0	446,420.00	0	446,420.00	446,420.00	0
Burlington	59,445.42	434,480.00	0	493,925.42	315,441.16	178,484.26
Camden	86,382.30	302,720.00	5,109.79-	383,992.51	279,520.37	104,472.14
Cape May	9,892.93	214,640.00	0	224,532.93	148,067.82	76,465.11
Cumberland	64,948.53	412,160.00	0	477,108.53	451,469.49	25,639.04
Essex	0	526,820.00	0	526,820.00	508,706.78	18,113.22
Gloucester	39,296.36	276,920.00	36,987.78-	279,228.58	267,308.60	11,919.98
Hudson	201,705.32	382,520.00	0	584,225.32	289,947.74	294,277.58
Hunterdon	72,099.80	222,620.00	92,154.61-	202,565.19	138,897.08	63,668.11
Mercer	6,632.97	241,280.00	0	247,912.97	241,694.82	6,218.15
Middlesex	12,774.00	316,160.00	0	328,934.00	259,217.35	69,716.65
Monmouth	3,501.30	351,080.00	0	354,581.30	352,706.45	1,874.85
Morris	26,390.61	299,480.00	0	325,870.61	283,405.42	42,465.19
Ocean	24,804.70	405,740.00	0	430,544.70	392,201.34	38,343.36
Passaic	51,708.48	307,640.00	0	359,348.48	307,640.00	51,708.48
Salem	87,085.83	260,780.00	19,027.28-	328,838.55	274,010.96	54,827.59
Somerset	37,304.81	211,100.00	0	248,404.81	233,712.74	14,692.07
Sussex	49,777.01	274,940.00	0	324,717.01	289,329.59	35,387.42
Union	5,112.41	265,520.00	0	270,632.41	270,103.04	529.37
Warren	24,754.39	230,060.00	0	254,814.39	201,716.97	53,097.42
Unallotted(M.V.R.)	340.55	0	0	340.55	0	340.55
	$1,012,426.93	$6,735,000.00	$ 153,279.46-	$7,594,147.47	$6,414,301.21	$1,179,846.26

Schedule #14

Motor Vehicle Funds - County Aid

Atlantic County

Project	Balance on Allot. Dec.31,1940	Allotted 1941	Transfers	Secondary & Feeder Rds. Federal Aid Transfers	Total	Paid to County Jan. 1 to Dec.31, 1941	Balance on Allot. Dec.31,1941
Maint. & Repairs 1940	$122,034.41	$ 0	$ 13,911.69-	$ 0	$ 108,122.72	$ 108,122.72	$ 0
Lighting "	8,114.16	0	3,093.06-	0	5,021.10	5,021.10	0
Opera. of Bridges "	4,965.32	0	1,190.72-	0	3,774.60	3,774.60	0
Admin. & Engr. "	13,355.32	0	2,840.64-	0	10,514.68	10,514.68	0
Maint. & Repairs 1941	0	236,623.73	21,036.11+	0	257,659.84	237,537.53	20,122.31
Bonds & Int. "	0	50,000.00	0	0	50,000.00	50,000.00	0
Policing & Traffic Lights "	0	8,284.45	0	0	8,284.45	516.69	7,767.76
Lighting "	0	8,891.10	0	0	8,891.10	4,404.05	4,487.05
Opera. of Bridges "	0	12,928.72	0	0	12,928.72	11,317.27	1,611.45
Admin. & Engr. "	0	35,192.00	0	0	35,192.00	31,574.85	3,617.15
	$148,469.21	$351,920.00	$ 0	$ 0	$ 500,389.21	$ 462,783.49	$ 37,605.72

Bergen County

Maint. & Repairs 1941	$ 0	$218,967.61	$ 18,396.68+	$ 0	$ 237,364.29	$ 237,364.29	$ 0
Bonds & Int. "	0	130,000.00	0	0	130,000.00	130,000.00	0
Lighting "	0	3,740.39	1,310.77-	0	2,429.62	2,429.62	0
Policing & Traffic Lights "	0	712.00	230.07-	0	481.93	481.93	0
Opera. of Bridges "	0	49,000.00	12,770.24-	0	36,229.76	36,229.76	0
Admin. & Engr. "	0	44,000.00	4,085.60-	0	39,914.40	39,914.40	0
	$ 0	$446,420.00	$ 0	$ 0	$ 446,420.00	$ 446,420.00	$ 0

Burlington County

Maint. & Repairs 1940	$ 3,227.23	$ 0	$ 3,227.23-	$ 0	$ 0	$ 0	$ 0
Lighting "	1,854.67	0	0	0	1,854.67	1,854.67	0
Maint. & Repairs 1941	0	256,831.55	3,277.23+	0	260,058.78	223,234.19	36,824.59
Bonds & Int. "	0	39,362.00	907.00-	0	38,455.00	177.00	38,278.00
Lighting "	0	2,853.45	0	0	2,853.45	1,872.34	981.11

Schedule #4-A

Motor Vehicle Funds - County Aid

Burlington County
(contd.)

Project	Balance on Allot. Dec.31,1940	Allotted 1941	Transfers	Secondary & Feeder Rds. Federal Aid Transfers	Total	Paid to County Jan. 1 to Dec.31,1941	Balance on Allot. Dec.31,1941
Opera. of Bridges 1941	$ 0	$ 5,885.00	$ 0	$ 0	$ 5,885.00	$ 3,593.27	$ 2,291.73
Admin. & Engr. "	0	43,448.00	907.00/	0	44,355.00	30,607.03	13,747.97
Const. & Reconst.							
Co.Wide W.P.A. 1940&1941	33,485.40	7,000.00	0	0	40,485.40	33,224.54	7,260.86
Florence Sta.-Stevens Sta.	20,878.12	0	0	0	20,878.12	20,878.12	0
Chambers Cor.-Ocean Co. Line	0	9,500.00	0	0	9,500.00	0	9,500.00
Mt. Holly-Moorestown-County Line	0	11,600.00	0	0	11,600.00	0	11,600.00
North Pemberton Rd.	0	10,300.00	0	0	10,300.00	0	10,300.00
Mt. Holly-Burlington	0	4,500.00	0	0	4,500.00	0	4,500.00
Medford-Medford Lakes	0	7,000.00	0	0	7,000.00	0	7,000.00
Walker Gordon Rd.	0	4,000.00	0	0	4,000.00	0	4,000.00
Cramers Farm Bridge	0	3,500.00	0	0	3,500.00	0	3,500.00
Springers Creek "	0	4,800.00	0	0	4,800.00	0	4,800.00
Friendship Bogs "	0	3,200.00	0	0	3,200.00	0	3,200.00
Kings Highway "	0	17,500.00	0	0	17,500.00	0	17,500.00
Ives Branch "	0	3,200.00	0	0	3,200.00	0	3,200.00
	$ 59,445.42	$434,480.00	$ 0	$ 0	$ 493,925.42	$ 315,441.16	$178,484.26

Camden County

Lighting	1938	$ 507.10	$ 0	$ 0	$ 0	$ 507.10	$ 0	$ 507.10
Policing	1939	1,063.17	0	0	0	1,063.17	0	1,063.17
Lighting	"	31.15	0	0	0	31.15	0	31.15
Maint. & Repairs	1940	0	0	5,072.67/	0	5,072.67	5,072.67	0
Bonds & Int.	"	36,924.46	0	0	0	36,924.46	36,924.46	0
Lighting	"	8,000.00	0	0	0	8,000.00	7,865.38	134.62
Opera. of Bridges	"	1,495.46	0	0	0	1,495.46	1,485.01	10.45
Maint. & Repairs	1941	0	76,030.00	0	0	76,030.00	76,030.00	0
Bonds & Int.	"	0	180,824.47	0	0	180,824.07	107,509.00	73,315.47

Schedule #14-B

Motor Vehicle Funds - County Aid

Camden County
(contd.)

Project		Balance on Allot. Dec.31,1940	Allotted 1941	Transfers	Secondary & Feeder Rds. Federal Aid Transfers	Total	Paid to County Jan. 1 to Dec.31,1941	Balance on Allot. Dec.31,1941
Policing-Traffic Lights	1941	$ 0	$ 5,000.00	$ 0	$ 0	$ 5,000.00	$ 0	$ 5,000.00
Lighting	"	0	3,200.00	0	0	3,200.00	2,492.00	708.00
Opera. of Bridges	"	0	18,305.00	0	0	18,305.00	17,395.35	909.65
Admin. & Engr.	"	0	19,360.53	0	0	19,360.53	19,360.53	0
Const. & Reconst.								
Co.WPA Proj.#1 Rds	1939	1,578.77	0	0	0	1,578.77	0	1,578.77
" " " #2 "	"	1,004.70	0	0	0	1,004.70	0	1,004.70
" " "#3 Bridges	"	5,385.97	0	0	0	5,385.97	5,385.97	0
" " "#6 Roads	1940	12,924.00	0	0	0	12,924.00	0	12,924.00
" " #7 Bridges	"	6,462.00	0	5,072.67-	0	1,389.33	0	1,389.33
#0 Lexington Ave. Exten.		5,895.73	0	0	0	5,895.73	0	5,895.73
(50% Basis Haddonfield-Berlin Rd. or Gibbsboro Relocation		3,113.48	0	3,113.48-	0	0	0	0
(50% Basis) Laurel Lake Road		0	0	3,113.48/	3,113.48-	0	0	0
#5D9 Burnt Mill Bridge		464.65	0	464.65-	0	0	0	0
#7D21 Garden Lake	"	331.66	0	331.66-	0	0	0	0
4D11 Water Works	"	1,200.00	0	1,200.00-	0	0	0	0
Laurel Lake	"	0	0	1,996.31/	1,996.31-	0	0	0
		$ 86,382.30	$302,720.00	$ 0	$ 5,109.79-	$ 383,992.51	$ 279,520.37	$ 104,472.14

Cape May County

Maint. & Repairs	1940	$ 5,135.68	$ 0	$ 664.78-	$ 0	$ 4,470.90	$ 4,470.90	$ 0
Opera. of Bridges	"	2,581.70	0	151.25-	0	2,430.45	2,430.35	0
Admin. & Engr.	"	2,175.55	0	241.96-	0	1,933.59	1,933.59	0
Maint. & Repairs	1941	0	103,927.50	1,057.99/	0	104,985.49	64,735.20	40,250.29
Bonds & Int.	"	0	52,762.50	0	0	52,762.50	40,762.50	12,000.00
Opera. of Bridges	"	0	25,500.00	0	0	25,500.00	18,176.21	7,323.79
Admin. & Engr.	"	0	21,450.00	0	0	21,450.00	15,558.97	5,891.03

Schedule #14-C

Motor Vehicle Funds - County Aid

Cape May County (contd.)

Project	Balance on Allot. Dec.31,1940	Allotted 1941	Transfers	Secondary & Feeder Rds. Federal Aid Transfers	Total	Paid to County Jan. 1 to Dec.31,1941	Balance on Allot. Dec.31,1941
Const. & Reconst.							
No.Wildwood Road	$ 0	$ 11,000.00	$ 0	$ 0	$ 11,000.00	$ 0	$ 11,000.00
	$ 9,892.93	$214,640.00	$ 0	$ 0	$ 224,532.93	$ 148,067.82	$ 76,465.11

Cumberland County

Maint. & Repairs 1940	$ 32,977.04	$ 0	$ 5,285.23-	$ 0	$ 27,691.81	$ 27,691.81	$ 0
Lighting "	2,000.00	0	2.60-	0	1,997.40	1,997.40	0
Opera. of Bridges "	782.74	0	323.70-	0	459.04	459.04	0
Admin. & Engr. "	6,582.02	0	3,876.90-	0	2,715.12	2,705.12	0
Maint. & Repairs 1941	0	293,638.75	18,836.69/	0	312,475.44	312,475.44	0
Bonds & Int. "	0	51,621.25	0	0	51,621.25	51,621.25	0
Lighting "	0	2,000.00	1,000.00-	0	1,000.00	0	1,000.00
Opera. of Bridges "	0	3,000.00	0	0	3,000.00	2,948.01	51.99
Admin. & Engr. "	0	20,900.00	3,000.00-	0	17,900.00	17,459.82	440.18
Const. & Reconst.							
Buckshutem Rd. Sec. 2	26.60	0	0	0	26.60	26.60	0
Parsonage Branch Bridge	3,997.66	0	0	0	3,997.66	3,997.66	0
#L.S.100 Parvins Br. Brdg.	3,548.00	0	163.25-	0	3,384.75	3,384.75	0
" " 69 " " "	5,000.00	0	84.95-	0	4,915.05	4,915.05	0
" " 63 " " "	3,483.69	0	0	0	3,483.69	3,483.69	0
Cohansey Stream Bridge	0	15,000.00	328.90-	0	14,671.10	9,619.13	5,051.97
Harrow Run Bridge (Center District Rd.)	0	4,500.00	746.10-	0	3,753.90	3,753.90	0
Dennis Branch Bridge	0	6,000.00	6,000.00-	0	0	0	0
Little Robin Branch Bridge	0	7,000.00	3,258.10/	0	10,258.10	0	10,258.10
Hoffman's Mill "	0	6,000.00	1,216.84/	0	7,216.84	0	7,216.84
Sarah Run "	0	2,500.00	2,500.00-	0	0	0	0
(50% Basis)							
Sharp St. Bridge	504.90	0	504.90-	0	0	0	0
Mill Creek "	371.79	0	371.79-	0	0	0	0
Muskee " "	89.20	0	89.20-	0	0	0	0

Schedule #L4-D

Motor Vehicle Funds - County Aid

Cumberland County (contd.)

Project (50% Basis) (contd.)	Balance on Allot. Dec.31,1940	Allotted 1941	Transfers	Secondary & Feeder Rds. Federal Aid Transfers	Total	Paid to County Jan. 1 to Dec.31,1941	Balance on Allot. Dec.31,1941
Harrow Run Br.(Cake Rd.)	$ 1,902.94	$ 0	$ 0	$ 0	$ 1,902.94	$ 1,552.21	$ 350.73
Same (Center Dist. ")	0	0	1,188.41/	0	1,188.41	0	1,188.41
Parvins Branch Bridge (So. East Blvd.)	2,000.00	0	0	0	2,000.00	1,919.18	80.82
Buckshutem Rd., Sec.2	1,681.95	0	222.52-	0	1,459.43	1,459.43	0
	$ 64,948.53	$412,160.00	$ 0	$ 0	$ 477,108.53	$ 451,469.49	$ 25,639.04

Essex County

Maint. & Repairs 1941	$ 0	$143,888.00	$ 0	$ 0	$ 143,888.00	$ 143,888.00	$ 0
Bonds & Int. "	0	235,000.00	0	0	235,000.00	235,000.00	0
Policing & Traffic Lights "	0	35,000.00	0	0	35,000.00	17,239.62	17,760.38
Lighting "	0	1,000.00	0	0	1,000.00	647.16	352.84
Opera. of Bridges "	0	53,000.00	0	0	53,000.00	53,000.00	0
Admin. & Engr. "	0	52,682.00	0	0	52,682.00	52,682.00	0
Const. & Reconst.							
Co. Wide W.P.A.Project	0	6,250.00	0	0	6,250.00	6,250.00	0
	$ 0	$526,820.00	$ 0	$ 0	$ 526,820.00	$ 508,706.78	$ 18,113.22

Gloucester County

Maint. & Repairs 1940	$ 31,917.49	$ 0	$ 1,412.09/	$ 0	$ 33,329.58	$ 33,329.58	$ 0
Lighting "	2,725.98	0	891.88-	0	1,834.10	1,808.09	26.01
Admin. & Engr. "	3,015.89	0	520.21-	0	2,495.68	2,495.68	0
Maint. & Repairs 1941	0	168,020.00	350.78-	0	167,669.22	160,510.65	7,158.57
Bonds & Int. "	0	51,000.00	0	0	51,000.00	51,000.00	0
Lighting "	0	3,200.00	0	0	3,200.00	1,299.53	1,900.47
Admin. & Engr. "	0	19,700.00	0	0	19,700.00	16,865.07	2,834.93

Schedule #14-E

Motor Vehicle Funds - County Aid

Gloucester County (contd.)

Project	Balance on Allot. Dec.31,1940	Allotted 1941	Transfers	Secondary & Feeder Rds. Federal Aid Transfers	Total	Paid to County Jan. 1 to Dec.31,1941	Balance on Allot. Dec.31,1941
Const. & Reconst.							
Bridge #5D3 over Raccoon Creek	$ 0	$ 35,000.00	$ 350.78✓	$ 35,350.78-	$ 0	$ 0	$ 0
(50% Basis)							
Mt. Royal Bridge & Approaches	1,442.15	0	1,442.15-	0	0	0	0
Malaga-New Brooklyn Road Bridge	194.85	0	194.85-	0	0	0	0
Bridge over Raccoon Cr.	0	0	1,637.00✓	1,637.00-	0	0	0
	$ 39,296.36	$276,920.00	$ 0	$ 36,987.78-	$279,228.58	$ 267,308.60	$ 11,919.98

Hudson County

Paterson Plank Rd.	$ 10,000.00	$ 0	$ 0	$ 0	$ 10,000.00	$ 9,389.15	$ 610.85
Maint. & Repairs- County Roads 1940	191,705.32	0	191,705.32-	0	0	0	0
General Repairs - County Roads 1941	0	17,740.00	0	0	17,740.00	16,958.94	781.06
County Wide W.P.A. 1941	0	364,780.00	191,705.32✓	0	556,485.32	263,599.65	292,885.67
	$201,705.32	$382,520.00	$ 0	$ 0	$584,225.32	$ 289,947.74	$294,277.58

Hunterdon County

Maint. & Repairs 1940	$ 32,353.55	$ 0	$ 8,067.64-	$ 0	$ 24,285.91	$ 24,285.91	$ 0
Admin. & Engr. "	6,262.00	0	3,342.39-	0	2,919.61	2,919.61	0
Maint. & Repairs 1941	0	136,604.87	1,755.72✓	0	138,360.59	99,487.75	38,872.84
Admin. & Engr. "	0	18,400.00	0	0	18,400.00	12,203.81	6,196.19
Const. & Reconst.							
Bunnvale-Califon Sec.2	.30	0	.30-	0	0	0	0
Pittstown-Jutland " 2	2,967.95	0	0	0	2,967.95	0	2,967.95

Schedule #14-F

Motor Vehicle Funds - County Aid

Hunterdon County (contd.)

Project	Balance on Allot. Dec.31,1940	Allotted 1941	Transfers	Secondary & Feeder Rds. Federal Aid Transfers	Total	Paid to County Jan. 1 to Dec.31,1941	Balance on Allot. Dec.31,1941
Baptistown-Lambertville Sec. 5	$ 27,500.00	$ 17,000.00	$ 0	$ 44,500.00-	$ 0	$ 0	$ 0
Stockton-Flemington Sec. 2	3,016.00	0	0	0	3,016.00	0	3,016.00
Brunswick Pike Sec. 1	0	38,000.00	9,654.61	47,654.61-	0	0	0
Readington-Dreahook Rd.	0	12,615.13	0	0	12,615.13	0	12,615.13
	$ 72,099.80	$222,620.00	$ 0	$ 92,154.61-	$ 202,565.19	$ 138,897.08	$ 63,668.11

Mercer County

Admin. & Engr. 1940	$ 1,470.96	$ 0	$ 0	$ 0	$ 1,470.96	$ 1,470.96	$ 0
Maint. & Repairs 1941	0	158,064.70	2,237.92	0	160,302.62	160,302.62	0
Bonds & Int. "	0	60,815.00	0	0	60,815.00	60,815.00	0
Admin. & Engr. "	0	22,400.30	2,237.92-	0	20,162.38	19,106.24	1,056.14
Const. & Reconst.							
Co. W.P.A. Project 1940	4,500.00	0	4,500.00-	0	0	0	0
" " " " " 1941	0	0	5,162.01	0	5,162.01	0	5,162.01
Yardville-Allentown-Klockner Rd.	282.76	0	282.76-	0	0	0	0
Eilers Corner "	150.00	0	150.00-	0	0	0	0
Bearswamp Rd. Ditch	229.25	0	229.25-	0	0	0	0
	$ 6,632.97	$241,280.00	$ 0	$ 0	$ 247,912.97	$ 241,694.82	$ 6,218.15

Middlesex County

Policing 1940	$ 1,590.00	$ 0	$ 0	$ 0	$ 1,590.00	$ 1,590.00	$ 0
Lighting "	3,300.60	0	0	0	3,300.60	3,173.75	126.85
Admin. & Engr. "	7,883.40	0	0	0	7,883.40	7,883.40	0
Maint. & Repairs 1941	0	212,108.00	0	0	212,108.00	156,570.20	55,537.80
Bonds & Interest "	0	90,000.00	0	0	90,000.00	90,000.00	0

Schedule #14-G

Motor Vehicle Funds - County Aid

Middlesex County (contd.)

Project		Balance on Allot. Dec.31,1940	Allotted 1941	Transfers	Secondary & Feeder Rds. Federal Aid Transfers	Total	Paid to County Jan. 1 to Dec.31,1941	Balance on Allot. Dec.31,1941
Policing-Traffic Lights	1941	$ 0	$ 1,590.00	$ 0	$ 0	$ 1,590.00	$ 0	$ 1,590.00
Lighting	"	0	3,552.00	0	0	3,552.00	0	3,552.00
Admin. & Engr.	"	0	8,910.00	0	0	8,910.00	0	8,910.00
		$ 12,774.00	$316,160.00	$ 0	$ 0	$ 328,934.00	$ 259,217.35	$ 69,716.65

Monmouth County

Lighting 1940		$ 3,501.30	$ 0	$ 0	$ 0	$ 3,501.30	$ 3,501.30	$ 0
Maint. & Repairs	1941	0	121,869.67	0	0	121,869.67	121,869.67	0
Bonds & Int.	"	0	171,000.00	0	0	171,000.00	171,000.00	0
Lighting	"	0	3,760.80	0	0	3,760.80	1,885.95	1,874.85
Opera. of Bridges	"	0	45,000.00	0	0	45,000.00	45,000.00	0
Admin. & Engr.	"	0	9,449.53	0	0	9,449.53	9,449.53	0
		$ 3,501.30	$351,080.00	$ 0	$ 0	$ 354,581.30	$ 352,706.45	$ 1,874.85

Morris County

Lighting	1940	$ 2,162.93	$ 0	$ 2,162.93-	$ 0	$ 0	$ 0	0
Maint. & Repairs	1941	0	135,892.50	2,992.34	0	138,884.84	138,884.84	0
Bonds & Int.	"	0	113,012.50	0	0	113,012.50	113,012.50	0
Policing-Traffic Lts.	1941	0	2,000.00	2,000.00-	0	0	0	0
Admin. & Engr.	"	0	13,575.00	0	0	13,575.00	13,575.00	0
Const. & Reconst.								
Morristown-Green Village		12,694.24	0	5,229.05-	0	7,465.19	0	7,465.19
Dover-Millbrook Rd.		0	35,000.00	0	0	35,000.00	0	35,000.00
Stratton (Inter-County) Bridge		11,533.44	0	11,533.44-	0	0	0	0
Whippany Bridge		0	0	17,933.08	0	17,933.08	17,933.08	0

Schedule #14-H

Motor Vehicle Funds - County Aid

Ocean County

Project	Balance on Allot. Dec.31,1940	Allotted 1941	Transfers	Secondary & Federal Rds. Federal Aid Transfers	Total	Paid to County Jan. 1 to Dec.31,1941	Balance on Allot. Dec.31,1941
Maint. & Repairs 1940	$ 10,658.64	$ 0	$ 0	$ 0	$ 10,658.64	$ 10,658.64	$ 0
Bonds & Int. "	4.025.00	0	0	0	4,025.00	4,025.00	0
Policing-Traffic Lights "	2,321.06	0	2,043.19-	0	277.87	277.87	0
Lighting "	4,000.00	0	1,185.57-	0	2,814.43	2,814.43	0
Maint. & Repairs 1941	0	258,257.50	7,028.76/	0	265,286.26	238,765.54	26,520.72
Bonds & Int. "	0	97,182.50	0	0	97,182.50	93,270.00	3,912.50
Policing-Traffic Lts. 1941	0	3,000.00	0	0	3,000.00	0	3,000.00
Lighting "	0	3,500.00	0	0	3,500.00	2,389.86	1,110.14
Admin. & Engr. "	0	40,000.00	0	0	40,000.00	40,000.00	0
Const. & Reconst.							
Dover Rd. Sec. 5	3,800.00	3,800.00	3,800.00-	0	3,800.00	0	3,800.00
	$ 24,804.70	$405,740.00	$ 0	$ 0	$ 430,544.70	$ 392,201.34	$ 38,343.36

Passaic County

Maint. & Repairs 1941	$ 0	$181,974.00	$ 0	$ 0	$ 181,974.00	$ 181,974.00	$ 0
Bonds & Int. "	0	100,000.00	0	0	100,000.00	100,000.00	0
Admin. & Engr. "	0	25,666.00	0	0	25,666.00	25,666.00	0
Const. & Reconst.							
Berdan Ave.	24,413.06	0	24,413.06-	0	0	0	0
Jackson " -Bridge	23,295.42	0	0	0	23,295.42	0	23,295.42
2 Culverts on the Oakland Ringwood Skyway	4,000.00	0	0	0	4,000.00	0	4,000.00
LaRue Bridge-West Milford	0	0	9,500.00/	0	9,500.00	0	9,500.00
Bridge #4 Union Valley Rd.	0	0	6,000.00/	0	6,000.00	0	6,000.00
" #5 " " "	0	0	8,913.06/	0	8,913.06	0	8,913.06
	$ 51.708.48	$307.640.00	$ 0	$ 0	$ 359,348.48	$ 307,640.00	$ 51,708.48

Schedule #14-I

Motor Vehicle Funds - County Aid

Salem County

Project	Balance on Allot. Dec.31,1940	Allotted 1941	Transfers	Secondary Feeder Rds. Federal Aid Transfers	Total	Paid to County Jan. 1 to Dec.31,1941	Balance on Allot. Dec.31,1941
Maint. & Repairs 1940	$ 54,565.03	$ 0	$ 12,440.73-	$ 0	$ 42,124.30	$ 42,124.30	$ 0
Lighting "	1,565.60	0	0	0	1,565.60	1,565.60	0
Opera. of Bridges "	815.40	0	241.59-	0	573.81	573.81	0
Admin. & Engr. "	7,139.20	0	2,187.11-	0	4,952.09	4,952.09	0
Maint. & Repairs 1941	0	210,931.60	9,614.25✓	0	220,545.85	187,628.86	32,916.99
Lighting "	0	2,348.40	0	0	2,348.40	1,957.00	391.40
Opera. of Bridges "	0	2,500.00	0	0	2,500.00	1,992.73	507.27
Admin. & Engr. "	0	28,000.00	0	0	28,000.00	24,488.07	3,511.93
Const. & Reconst.							
Pennsville-Salem Rd. Sec. 3	0	0	584.04✓ 4,645.28-	4,061.24✓	0	0	0
Wiley Rd. Sec. 2 & Long Bridge #212	20,000.00	0	0	20,000.00-	0	0	0
Hancocks Bridge-Salem Rd.	0	4,000.00	0	0	4,000.00	0	4,000.00
Griffith St.	0	5,000.00	3,728.50✓	0	8,728.50	8,728.50	0
Tattletown Rd. Sec. 2	0	0	88.52✓	88.52-	0	0	0
Church Bridge #1116	3,000.00	0	0	3,000.00-	0	0	0
Red Bridge & Approaches	.60	0	.60-	0	0	0	0
Bridge #448-So.Main St.Br.	0	4,000.00	0	0	4,000.00	0	4,000.00
" #493 DuBois Bridge	0	1,500.00	0	0	1,500.00	0	1,500.00
Parvins Lake Bridge & Spillway	0	2,500.00	2,500.00-	0	0	0	0
Coleman Road	0	0	8,000.00✓	0	8,000.00	0	8,000.00
	$ 87,085.83	$260,780.00	$ 0	$ 19,027.28-	$ 328,838.55	$ 274,010.96	$ 54,827.59

Somerset County

Lighting	1939	$ 1,163.06	$ 0	$ 1,163.06-	$ 0	$ 0	$ 0	$ 0
Bonds & Int.	1940	27,421.25	0	0	0	27,421.25	27,421.25	0
Lighting	"	722.95	0	722.95-	0	0	0	0
Maint. & Repairs 1941		0	90,049.62	3,536.76✓	0	93,586.38	93,586.38	0

Schedule #14-J

Motor Vehicle Funds - County Aid

Somerset County (contd.)

Project	Balance on Allot. Dec.31,1940	Allotted 1941	Transfers	Secondary & Feeder Rds. Federal Aid Transfers	Total	Paid to County Jan. 1 to Dec.31,1941	Balance on Allot. Dec.31,1941
Bonds & Int. 1941	$ 0	$ 81,736.25	$ 0	$ 0	$ 81,736.25	$ 81,736.25	$ 0
Policing-Traffic Lights "	0	150.00	0	0	150.00	0	150.00
Lighting "	0	1,204.13	0	0	1,204.13	0	1,204.13
Admin. & Engr. "	0	20,960.00	0	0	20,960.00	18,223.63	2,736.37
Const. & Reconst.							
Middlebush Rd.(Franklin Twp.)	1,650.75	0	1,650.75-	0	0	0	0
Crescent Ave.	6,000.00	0	0	0	6,000.00	6,000.00	0
Bridge #258-Dead River Bridge	0	17,000.00	0	0	17,000.00	6,745.23	10,254.77
Raritan-Centerville Sec.5 (50% Basis)	346.80	0	0	0	346.80	0	346.80
	$ 37,304.81	$211,100.00	$ 0	$ 0	$ 248,404.81	$ 233,712.74	$ 14,692.07

Sussex County

Maint. & Repairs 1940	$ 31,931.69	$ 0	$ 12,011.92-	$ 0	$ 19,919.77	$ 19,919.77	$ 0
Admin. & Engr. "	2,425.13	0	4.68-	0	2,420.45	2,420.45	0
Maint. & Repairs 1941	0	179,211.74	23,011.76	0	202,223.50	188,717.10	13,506.40
Bonds & Int. "	0	58,916.26	0	0	58,916.26	58,916.26	0
Admin. & Engr. "	0	22,000.00	0	0	22,000.00	19,356.01	2,643.99
Const. & Reconst.							
Hamburg-N.Y. State Line Rd.	7,335.66	0	7,335.66-	0	0	0	0
Ross Corner-Hamburg Rd. (50% Basis)	3,659.50	14,812.00	3,659.50-	0	14,812.00	0	14,812.00
Newton-Sparta Sec. 3	4,275.72	0	0	0	4,275.72	0	4,275.72
Mill St., Intersection	149.31	0	0	0	149.31	0	149.31
	$ 49,777.01	$274,940.00	$ 0	$ 0	$ 324,717.01	$ 289,329.59	$ 35,387.42

Schedule #14-K

Motor Vehicle Funds - County Aid

Union County

Project	Balance on Allot. Dec.31,1940	Allotted 1941	Transfers	Secondary & Feeder Rds. Federal Aid Transfers	Total	Paid to County Jan. 1 to Dec.31,1941	Balance on Allot. Dec.31,1941
Lighting 1940	$ 3,131.25	$ 0	$ 0	$ 0	$ 3,131.25	$ 3,131.25	$ 0
Operation of Bridges "	1,981.16	0	0	0	1,981.16	1,451.79	529.37
Maint. & Repairs 1941	0	145,059.95	2,945.69+	0	148,005.64	148,005.64	0
Bonds & Interest "	0	100,000.00	0	0	100,000.00	100,000.00	0
Lighting "	0	3,100.05	840.65-	0	2,259.40	2,259.40	0
Operation of Bridges "	0	17,360.00	2,105.04-	0	15,254.96	15,254.96	0
	$ 5,112.41	$265,520.00	$ 0	$ 0	$ 270,632.41	$ 270,103.04	$ 529.37

Warren County

Project	Balance on Allot. Dec.31,1940	Allotted 1941	Transfers	Secondary & Feeder Rds. Federal Aid Transfers	Total	Paid to County Jan. 1 to Dec.31,1941	Balance on Allot. Dec.31,1941
Maint. & Repairs 1940	$ 6,911.62	$ 0	$ 2,896.96+	$ 0	9,808.58	$ 9,808.58	$ 0
Bonds & Interest "	862.21	0	324.16-	0	538.05	538.05	0
Lighting "	343.88	0	115.56-	0	228.32	228.32	0
Admin. & Engr. "	5,772.30	0	2,457.24-	0	3,315.06	3,315.06	0
Maint. & Repairs 1941	0	149,155.09	14,506.36-	0	134,648.73	128,154.64	6,494.09
Bonds & Interest "	0	27,440.77	0	0	27,440.77	27,440.77	0
Policing-Traffic Lights "	0	700.00	0	0	700.00	403.16	296.84
Lighting "	0	964.14	0	0	964.14	570.99	393.15
Administration & Engineering "	0	19,000.00	0	0	19,000.00	16,111.91	2,888.09
Const. & Reconst.							
Allamuchy-Hackettstown Section 2	690.72	0	0	0	690.72	0	690.72
Various County Roads	5,763.11	12,000.00	12,500.00+	0	30,263.11	10,027.54	20,235.57

Schedule #14-L

Motor Vehicle Funds - County Aid

Warren County

(contd.)

Project	Balance on Allot. Dec.31,1940	Allotted 1 9 4 1	Transfers	Secondary & Feeder Rds. Federal Aid Transfers	Total	Paid to County Jan. 1 to Dec.31,1941	Balance on Allot. Dec.31,1941
Const. & Reconst.							
Harmony Sta.-Brainards Rd.	$1,200.00	$ 0	$ 82.46-	$ 0	$ 1,117.54	$ 1,117.54	$ 0
Straw Tavern-Stewartsville	0	10,800.00	5,088.82-	0	15,888.82	0	15,888.82
Good Springs Road	0	10,000.00	10,000.00-	0	0	0	0
Broad St. Extension (Washington)	0	0	7,000.00	0	7,000.00	4,000.41	2,999.59
(50% Basis)							
Greenwich St., Belvidere	3,210.55	0	0	0	3,210.55	0	3,210.55
	$ 24,754.39	$230,060.00	$ 0	$ 0	$ 254,814.39	$ 201,716.97	$ 53,097.42

Schedule #15

State Aid Appropriation

(Chap. #395, P. L. 1912)

Monmouth Co.	Freehold-Mt. Holly Rd. (Monmouth Co.)	$12,789.03

Schedule #16

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)
Recapitulation of Funds & Disbursements

County	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31,1941	Balance on Allot. Dec.31,1941
Atlantic	$ 68,884.37	$ 300,019.17	$ 175,019.17	$ 193,884.37	$ 138,635.12	$ 55,249.25
Bergen	102,741.63	261,523.35	136,523.35	227,741.63	135,185.45	92,556.18
Burlington	85,034.21	279,350.76	(A) 170,698.34	193,686.63	109,911.36	83,775.27
Camden	117,841.82	270,259.23	145,259.23	242,841.82	151,238.84	91,602.98
Cape May	6,551.93	252,381.00	127,381.00	131,551.93	126,227.26	5,324.67
Cumberland	60,459.04	289,941.85	164,941.85	185,459.04	128,286.49	57,172.55
Essex	172,630.87	274,615.94	149,615.94	297,630.87	162,402.91	135,227.96
Gloucester	53,776.33	298,772.92	173,772.92	178,776.33	94,320.40	84,455.93
Hudson	72,747.94	299,356.93	174,356.93	197,747.94	152,958.23	44,789.71
Hunterdon	45,795.15	251,159.65	(B) 146,659.65	150,295.15	135,404.90	14,890.25
Mercer	94,045.61	267,370.03	142,370.03	219,045.61	132,163.43	86,882.18
Middlesex	98,181.74	278,564.16	153,564.16	223,181.74	117,420.18	105,761.56
Monmouth	76,201.73	278,837.48	153,837.48	201,201.73	133,575.60	67,626.13
Morris	50,624.85	254,872.06	129,872.06	175,624.85	133,410.28	42,214.57
Ocean	85,920.35	302,087.75	177,087.75	210,920.35	123,958.44	86,961.91
Passaic	90,137.34	276,378.08	151,378.08	215,137.34	118,314.26	96,823.08
Salem	52,242.75	267,461.15	142,461.15	177,242.75	131,136.71	46,106.04
Somerset	90,630.90	267,132.03	142,132.03	215,630.90	155,653.13	59,977.77
Sussex	159,215.97	298,561.44	173,561.44	284,215.97	103,187.23	181,028.74
Union	115,689.98	271,252.36	146,252.36	240,689.98	97,327.70	143,362.28
Warren	87,649.37	261,918.63	136,918.63	212,649.37	141,385.77	71,263.60
	$1,787,003.88	*$5,801,815.97	$3,213,663.55	$4,375,156.30	$2,722,103.69	$1,653,052.61
General Cancellation Fund	1,818.18			1,818.18		1,818.18
	$1,788,822.06			$4,376,974.48		$1,654,870.79

$2,625,000.00 - 1941 Funds
3,176,815.97 - From Cancellations
*$5,801,815.97

(A) $16,347.58 Transferred to Secondary & Feeder Roads - Federal Aid
(B) $20,500.00 Transferred to Secondary & Feeder Roads - Federal Aid.

Schedule #17

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31, 1941	Balance on Allotment Dec.31, 1941
Atlantic Absecon City	Bayview Drive	$ 2,000.00	$ 0	$ 0	$ 2,000.00	$ 2,000.00	$ 0
" "	Huron Ave., Delaware Ave. & So. West St.	0	4,500.00	0	4,500.00	4,471.81	28.19
" "	Wyoming Ave. & Various sts.	0	4,500.00	4,500.00	0	0	0
Brigantine City	Bay Shore Ave., Sec.3	159.70	0	159.70	0	0	0
" "	Ocean " & Bay Shore Ave.	0	8,200.00	0	8,200.00	8,192.23	7.77
Buena Vista Twp.	Flower St. (Storm Drainage Work)	0	7,156.12	0	7,156.12	0	7,156.12
" " "	Grove Rd., Landis Ave. & Main Rd.	1,156.12	0	1,156.12	0	0	0
" " "	Willow Ave. & Various sts.	6,500.00	0	0	6,500.00	6,500.00	0
Egg Harbor City	Arago St.	0	2,700.00	0	2,700.00	0	2,700.00
" " "	Atlantic Ave. & Various sts.	0	2,700.00	2,700.00	0	0	0
" " "	Bremen Ave., Shelling, Antwerp Aves.	3,500.00	0	1.61	3,498.39	3,498.39	0
" " Twp.	Brenta, Granada, Venice, Naples, etc.	8,558.07	0	0	8,558.07	4,716.05	3.842.02
" " "	Frankfort Court & Various sts.	4,118.30	0	4,118.30	0	0	0
" " "	Schoolhouse Rd.	0	1,775.64	0	1,775.64	0	1,775.64
" " "	Various sts.	0	7,718.30	1,775.64	5,942.66	5,942.66	0
Hamilton Twp.	Holly & Var. sts.	6,000.00	0	6,000.00	0	0	0
" "	Weymouth-Elwood Sec.2 Ave. B, etc.	6,500.00	0	.95	6,499.05	6,499.05	0
Hammonton Town	15th St. & 2nd Rd.	0	5,000.00	0	5,000.00	0	5,000.00
" "	Madison Ave. & Var. sts.	0	5,000.00	5,000.00	0	0	0
" "	Oak Rd. & 14th St.	6,000.00	0	2,500.00	3,500.00	0	3,500.00
" "	Passmore Ave. & Various sts.	747.48	0	747.48	0	0	0
" "	Pine Road Outlet Ditch for Storm Drain	0	400.00	2.92	397.08	397.08	0
Linwood City	Oak Ave., Sec. 2	0	7,400.00	7,400.00	0	0	0
" "	" " " 2 & Laurel Ave.	0	7,400.00	0	7,400.00	0	7,400.00
" "	[illegible]	7,000.00	0	0	7,000.00	6,429.15	570.85

Schedule #17-A

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31, 1941	Balance on Allotment Dec.31, 1941
Atlantic (Contd.)							
Longport Boro	15th,17th Ave.,etc.	$ 0	$ 4,500.00	$ 0	$ 4,500.00	$ 4,319.10	$ 180.90
Margate City	Amherst Ave.,Sec.2	0	8,100.00	8,100.00	0	0	0
" "	Monmouth, Haverford, Granville Aves.	442.70	0	442.70	0	0	0
" "	Monmouth Ave.,Sec. 2 & Essex "	0	8,863.47	0	8,863.47	8,863.47	0
Mullica Twp.	El ood-Weekstown, Sec. 2	2,400.00	2,500.00	0	4,900.00	0	4,900.00
Northfield City	Fuse Ave. & Northfield Plaza	0	7,200.00	0	7,200.00	7,200.00	0
" "	Northfield, Fifield, Wabash Aves.	.57	0	.57	0	0	0
Pleasantville "	Leeds Ave.,Doughty Rd.	8,000.00	0	6.11	7,993.89	7,993.89	0
" "	Reading,Bayview Aves.	0	12,100.00	0	12,100.00	0	12,100.00
Port Republic "	Mills St.,Sec.2,etc.	189.73	0	189.73	0	0	0
Somers Pt. "	New Jersey Ave.	4,000.00	0	0	4,000.00	4,000.00	0
" " "	" " " Sec. 2 & Johnson "	0	4,500.00	0	4,500.00	0	4,500.00
" " "	New Jersey Ave., Sec. 2 & Sunny "	0	4,500.00	4,500.00	0	0	0
Ventnor City	Monmouth "	396.57	0	396.57	0	0	0
" "	Winchester " Sec.2,etc.	0	8,200.00	0	8,200.00	7,612.24	587.76
Weymouth Twp.	12th,13th " " 2	1,000.00	0	0	1,000.00	0	1,000.00
Maintenance & Repairs of Unimproved Twp. & Boro Roads 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		215.13	125,105.64	125,320.77	0	0	0
Bergen							
Bergenfield Boro	East Clinton Ave.	0	3,100.00	0	3,100.00	0	3,100.00
Bendix "	Industrial "	0	7,200.00	0	7,200.00	0	7,200.00
Cliffside Park "	Cecelia Ave.,Sec. 2	3,600.00	0	1,434.28	2,165.72	2,165.72	0
" " "	Lafayette "	0	3,600.00	0	3,600.00	0	3,600.00
Cresskill Boro	Madison "	4,500.00	0	62.38	4,437.62	4,437.62	0
" "	Railroad " " 4	4,500.00	0	1,340.47	3,159.53	3,159.53	0
Dumont "	Prospect Ave., " 2	5,400.00	146.07	0	5,546.07	5,546.07	0
E. Paterson "	Blvd. Sec. 2	3,000.00	0	0	3,000.00	1,259.63	1,740.37
Fair Lawn "	Midland Ave.	706.20	0	446.10	260.10	260.10	0
Fort Lee "	Whiteman St.	2,800.00	0	461.67	2,338.33	2,338.33	0
" " "	" " Sec.2	0	2,700.00	0	2,700.00	0	2,700.00

Schedule #17-B

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

	Name of Road	Balance on Allot. Dec.31, 1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31, 1941	Balance on Allotment Dec.31, 1941
Bergen (contd.)							
Glen Rock Boro	Radburn Rd.	$ 3,600.00	$ 0	$ 0	$ 3,600.00	$ 3,240.00	$ 360.00
Haworth "	Madison Ave. Sec.3	7,600.00	0	32.89	7,567.11	7,567.11	0
Hillsdale "	Hillsdale Ave.	0	6,300.00	0	6,300.00	0	6,300.00
Hohokus Twp.	Miller Rd.	0	4,500.00	0	4,500.00	0	4,500.00
" Boro	Edgewood Drive.	2,294.64	0	0	2,294.64	0	2,294.64
Little Ferry Boro	Franklin St.	3,000.00	0	0	3,000.00	0	3,000.00
Maywood "	Spring Valley Rd., Sec. 2	0	6,300.00	0	6,300.00	0	6,300.00
Midland Park "	Greenwood Road	1,316.26	0	1,316.26	0	0	0
Moonachie "	Henry St.	0	2,700.00	0	2,700.00	0	2,700.00
Norwood "	Hudson Ave., Sec. 1 (Paving)	3,000.00	0	461.86	2,538.14	2,538.14	0
" "	Same Sec.2(Paving)	1,700.00	0	411.26	1,288.74	1,288.74	0
Oakland "	E. Oakland Ave.	2,000.00	0	0	2,000.00	1,020.47	979.53
" "	W. " "	0	6,300.00	0	6,300.00	0	6,300.00
Oradell "	Summit Ave. (Storm Sewer Outlet)	0	900.00	0	900.00	900.00	0
Paramus "	Century Rd.(Paving)	949.05	0	949.05	0	0	0
Park Ridge "	Mill Lane & Mill Rd.	1,538.51	0	1,538.51	0	0	0
Ramsey "	Shadyside Rd. Sec.2	6,000.00	0	73.18	5,926.82	5,926.82	0
Ridgefield "	Elm Ave., Sec. 2, New York St.,etc.	0	9,000.00	0	9,000.00	0	9,000.00
" "	Oritan Ave.	5,279.83	0	.18	5,279.65	5,279.65	0
Ridgewood Village	East Glen Ave.	4,200.00	0	0	4,200.00	3,958.24	241.76
River Vale Twp.	Sand Road	0	4,800.00	0	4,800.00	0	4,800.00
Rutherford Boro	Carmite "	3,900.00	0	0	3,900.00	3,900.00	0
Saddle River "	Ackerman "	6,000.00	0	0	6,000.00	5,993.36	6.64
" " "	Fifth St.	0	6,300.00	0	6,300.00	0	6,300.00
S.Hackensack Twp.	Chestnut "	3,666.78	0	461.56	3,205.22	3,205.22	0
" " "	" " Sec.2	0	8,100.00	0	8,100.00	0	8,100.00
Tenafly Boro	Engle St. " 2	526.11	0	526.11	0	0	0
" "	Front "	7,000.00	0	898.47	6,101.53	6,101.53	0
" "	" " Sec. 2	0	2,700.00	0	2,700.00	0	2,700.00
" "	Railroad Ave.	4,500.00	0	0	4,500.00	4,500.00	0
Waldwick "	Monroe St.	1,750.00	0	0	1,750.00	1,750.00	0
Washington Twp.	Glen Ave. Paving	7,231.03	1,618.14	0	8,849.17	8,849.17	0
Wyckoff "	Grandview Ave.	0	9,500.00	0	9,500.00	0	9,500.00
Maintenance & Repairs of Inimproved Twp. & Boro Roads 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		1.183.22	125.759.14	126,109.12	833.24	0	833.24

Schedule #17-C

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Burlington	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31, 1941	Balance on Allotment Dec.31,1941
Bass River Twp.	W.Greenbush Rd.	$ 3,100.00	$ 0	$ 0	$ 3,100.00	$ 0	$ 3,100.00
Beverly City	Putnam,Magnolia,etc.	3,600.00	0	0	3,600.00	3,600.00	0
" "	Various sts. 1941	0	1,800.00	0	1,800.00	0	1,800.00
Bordentown "	West St.	0	5,000.00	0	5,000.00	0	5,000.00
Chester Twp.	N.Forked Landing Rd.,Etc.(BST)	277.58	0	277.58	0	0	0
" "	Spruce Ave.,etc.	1,917.12	277.58	.51	2,194.19	2,194.19	0
" "	Woodlawn " "	7,500.00	5,200.00	0	12,700.00	7,271.57	5,428.43
" "	Various sts. 1941	0	5,200.00	5,200.00	0	0	0
Chesterfield Twp.	Old York Rd. Sec.1	3,600.00	0	*3,600.00	0	0	0
" "	" " " "1A,3	0	3,500.00	*3,500.00	0	0	0
Cinnaminson Twp.	Church Rd.	301.97	0	301.97	0	0	0
" "	Lenola "	0	3,500.00	0	3,500.00	0	3,500.00
" "	Morgan Ave.,etc.	160.18	0	160.18	0	0	0
Delanco "	Union " "	4,500.00	440.94	0	4,940.94	4,911.04	29.90
Delran "	Alden " " & Drainage,Stewart Ave.	0	4,000.00	0	4,000.00	0	4,000.00
" "	Creek Rd.	8,900.00	0	1,490.94	7,409.06	7,409.06	0
" "	" " Sec. 1 (Gutter Pavement)	0	1,490.94	0	1,490.94	1,392.30	98.64
Evesham "	Evesboro-Medford	4,500.00	0	937.47	3,562.53	3,562.53	0
" "	Same Sec. 2	0	10,000.00	0	10,000.00	0	10,000.00
Fieldsboro Boro	Delaware Ave.	0	3,600.00	0	3,600.00	0	3,600.00
Florence Twp.	Knickerbocker Rd.	0	16,750.00	0	16,750.00	0	16,750.00
Hainesport "	Cumberland St.,etc.	0	3,600.00	0	3,600.00	0	3,600.00
" "	New Road	2,700.00	0	0	2,700.00	0	2,700.00
" "	Phillips Rd.	0	3,600.00	3,600.00	0	0	0
Lumberton "	Fostertown-Colemantown	2,667.35	0	.13	2,667.22	2,667.22	0
" "	New Road	3,600.00	0	0	3,600.00	687.16	2,912.84
Mansfield "	Mansfield-Georgetown Sec. 1	2,247.58	0	2,247.58	0	0	0
" "	Old York Rd., Sec. 2	0	9,247.58	* 9,247.58	0	0	0
" "	R. R. Ave. & Mill Lane	2,985.00	0	220.27	2,764.73	2,764.73	0
Medford "	Masonville Rd.	0	2,700.00	0	2,700.00	0	2,700.00
" "	Taunton Lakes Rd.Sec.2Ext.	1,000.00	0	101.98	898.02	898.02	0
Mt. Laurel "	Elbo Lane Rd. Sec. 1	0	3,000.00	0	3,000.00	0	3,000.00
New Hanover "	N. J. Ave., Front St.. & Penna. Ave.	0	7,800.00	6,750.00	1,050.00	0	1,050.00

Schedule #17-D

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Burlington(contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1 9 4 1	Cancelled for Re-allotment	T o t a l	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
New Hanover Twp.	Oak Mt. Rd.,etc.	$ 7,800.00	$ 0	$ 7,800.00	$ 0	$ 0	0
No. " "	Paulson Rd.	5,150.28	0	0	5,150.28	4,601.77	548.51
Palmyra Boro	Spring Garden St.	3,000.00	0	0	3,000.00	3,000.00	0
Pemberton Twp.	Birmingham-North Pemberton Rd., Sec. 2	4,500.00	1,341.42	0	5,841.42	2,857.19	2,984.23
" "	Same " 3	0	3,600.00	0	3,600.00	0	3,600.00
" "	Hanover Blvd.	1,600.00	0	0	1,600.00	1,600.00	0
Shamong "	Pipers Cor. Rd.	202.30	0	202.30	0	0	0
" "	" " " Sec. 2	0	3,702.30	0	3,702.30	2,258.36	1,443.94
Tabernacle "	Hegerhouse Rd.	3,600.00	0	0	3,600.00	2,671.22	928.78
" "	" " " 2	0	3,500.00	0	3,500.00	0	3,500.00
Washington Twp.	Lower Bank & River Rd.	3,900.00	0	0	3,900.00	3,900.00	0
Westampton "	New Road	1,665.00	0	0	1,665.00	1,665.00	0
Willingboro "	Park " Sec. 2	0	1,500.00	0	1,500.00	0	1,500.00
Maintenance & Repairs of Unimproved Twp. & Boro Roads 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		59.85	125,000.00	125,059.85	0	0	0
* Transferred to Secondary & Feeder Roads Federal Aid							
Camden							
Audubon Boro	Wyoming Ave.	0	10,000.00	0	10,000.00	0	10,000.00
Barrington Boro	Wood "	2,000.00	1,540.00	0	3,540.00	0	3,540.00
Clementon "	Garfield " Sec. 2	17,848.04	0	0	17,848.04	17,188.34	659.70
Collingswood "	City Line Ave. & 2nd Street	7,280.00	0	0	7,280.00	0	7,280.00
Gibbsboro "	S. United States Avenue	0	4,000.00	0	4,000.00	4,000.00	0
Gloucester City	King St.	6,750.00	0	0	6,750.00	0	6,750.00
" "	Buffalo Road	1,260.00	0	0	1,260.00	1,041.22	218.78
" "	Lower Landing Rd.	1,464.08	0	325.58	1,138.50	1,138.50	0
" "	Turnerville-Erial Rd.	0	6,325.58	0	6,325.58	0	6,325.58
Haddon Twp.	Vesper, Oneida, Sec. 2 & Saginaw Ave.	0	5,000.00	0	5,000.00	0	5,000.00
Haddonfield Boro	E.Summit Ave.,Sec.2,etc.	8,000.00	262.06	0	8,262.06	7,683.30	578.76
" "	Haddon "	9,700.00	0	262.06	9,437.94	9,437.94	0
" "	" " " 2	0	7,000.00	0	7,000.00	6,378.75	621.25
Hi-Nella "	Navajo, Nokomis & Apache Rds.(Surf. trt.)	450.00	0	0	450.00	305.60	144.40
Laurel Springs Boro	East Atlantic Ave. (Storm Sewer)	1,005.47	0	1,005.47	0	0	0
" " "	Same Sec. 1 (Bit-						

Schedule II-B

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Camden (contd.)	Name of Road	Balance on Allot. Dec.31, 1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Laurel Springs Boro	Var. sts. 1938	$ 575.42	$ 0	$ 0	$ 575.42	$ 435.60	$ 139.82
Magnolia "	E.Atlantic Ave., Sec. 1	11,250.00	0	0	11,250.00	10,451.61	798.39
" "	Lincoln "	2,700.00	0	0	2,700.00	2,503.41	196.59
Merchantville "	Maple Ave. Sec.2	8,427.19	0	1,566.12	6,861.07	6,861.07	0
" "	" " " 3	0	28,886.12	0	28,886.12	27,148.54	1,737.58
Mt. Ephraim "	Centre St. & 6th Ave.	0	6,460.00	0	6,460.00	0	6,460.00
Oaklyn "	Clinton Ave. Underpass	493.87	780.00	0	1,273.87	1,273.87	0
" "	Sylvan Ave.(Kendall Blvd.)	0	4,000.00	0	4,000.00	0	4,000.00
Pennsauken Twp.	Myrtle Ave.	0	4,410.00	0	4,410.00	4,148.24	261.76
" "	Union "	9,000.00	0	9,000.00	0	0	0
" "	" "(Cedar Ave. to Rt. 25)	0	15,590.00	0	15,590.00	0	15,590.00
Somerdale Boro	E. Atlantic Ave.	8,100.00	0	8,100.00	0	0	0
Waterford Twp.	Tremont "	3,000.00	0	0	3,000.00	0	3,000.00
Winslow "	Chews Landing Rd.	3,457.75	0	0	3,457.75	1,242.85	2,214.90
" "	Old " " "	6,000.00	0	0	6,000.00	0	6,000.00
Maintenance & Repair of Unimproved Twp. & Boro Rds. 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		80.00	125,000.00	125,000.00	80.00	0	80.00
Cape May							
Avalon Boro	Various Sts. 1941 1st & Avalon	0	3,500.00	0	3,500.00	3,498.55	1.45
Cape May City	Various sts. 1941	0	15,500.00	0	15,500.00	15,324.40	175.60
" " Pt. Boro	Central Av.,etc.	551.93	0	381.00	170.93	0	170.93
Middle Twp.	Pierces Pt. Rd.	1,500.00	0	0	1,500.00	1,500.00	0
N.Wildwood City	3rd,N.J.,12th, 15th Aves.,etc.	0	15,000.00	0	15,000.00	14,967.00	33.00
Ocean City	Var. sts. 1941	0	17,881.00	0	17,881.00	17,881.00	0
Sea Isle City	" " 1941	0	5,500.00	0	5,500.00	5,334.91	165.09
Stone Harbor Boro	99th St.	4,500.00	4,000.00	0	8,500.00	8,500.00	0
Wildwood City	Var. sts. 1941	0	10,000.00	0	10,000.00	9,221.40	778.60
" Crest Boro	Crocus Rd. & Forgetmenot Road	0	2,000.00	0	2,000.00	0	2,000.00
Woodbine Boro	Adams Ave.	0	2,000.00	0	2,000.00	0	2,000.00
" "	Franklin Ave.	0	2,000.00	2,000.00	0	0	0
Maint. & Repairs, etc.		0	50,000.00	0	50,000.00	50,000.00	0

Schedule #17-F

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Cumberland	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31, 1941	Balance on Allotment Dec.31,1941
Commercial Twp.	Berrytown Rd. & Brown St. Sec. 2	$ 0	$ 3,000.00	$ 0	$ 3,000.00	$ 0	$ 3,000.00
" "	Italy Rd. Sec.2(Ext.)	1,176.08	0	3.02	1,173.06	1,173.06	0
" "	" " Ext. Sec. 3	1,494.30	0	9.30	1,485.00	1,485.00	0
" "	Joe Newcomb-Yock Wock Road	60.27	0	60.27	0	0	0
" "	Shropshire Rd. Sec.1	1,800.00	0	9.54	1,790.46	1,790.46	0
" "	" " " 2	0	2,200.00	2,200.00	0	0	0
" "	Snow Hill " " 1	0	2,200.00	0	2,200.00	0	2,200.00
Deerfield Twp.	Cedar St.	3,000.00	0	0	3,000.00	2,897.30	102.70
" "	Kenyon Ave. " 2	0	3,330.00	0	3,330.00	0	3,330.00
" "	Maple St.	2,000.00	0	0	2,000.00	1,980.00	20.00
" "	Mulberry & Poplar Sts.	0	1,600.00	0	1,600.00	1,597.45	2.55
" "	Nixon St.	1,600.00	0	1,600.00	0	0	0
Downe "	Garrison Ave.	0	2,115.00	0	2,115.00	2,113.88	1.12
" "	Lore's Mill Road	4,050.00	0	0	4,050.00	4,043.79	6.21
" "	Penna. & Bayview Aves.	1,080.00	0	0	1,080.00	1,069.88	10.12
" "	Sand Plant Rd. Sec. 2	1.17	0	1.17	0	0	0
" "	Shaws Mill "	0	4,050.00	0	4,050.00	0	4,050.00
" "	Turkey Pt. " " 3	0	4,500.00	0	4,500.00	4,499.01	.99
Fairfield "	Back Neck Sch.House Rd.	3,150.00	0	0	3,150.00	3,147.30	2.70
" "	Millville Rd. Sec. 1	0	4,500.00	0	4,500.00	4,497.12	2.88
" "	Fairton-Millville Sec.2	0	4,050.00	0	4,050.00	0	4,050.00
" "	Same Sec. 3	0	3,600.00	0	3,600.00	0	3,600.00
" "	Lummis Town Rd.	2.02	0	2.02	0	0	0
" "	" " " Sec. 2	.72	0	.72	0	0	0
" "	Mary-Elmer "	2.92	0	2.92	0	0	0
Greenwich "	Bacons Neck Rd. " 2	0	3,600.00	3,600.00	0	0	0
" "	Miller-Stow Creek Wharf Rd.	3,150.00	0	0	3,150.00	3,149.69	.31
" "	Stock Road	.90	0	.90	0	0	0
" "	Strathems Neck Road	2.06	0	2.06	0	0	0
" "	Wheaten Island "	0	3,600.00	0	3,600.00	0	3,600.00
Hopewell "	Beal Mill-Seeley Rd.,Sec.2	36.00	0	36.00	0	0	0
" "	Hopewell-Tumbling Dam Rd. Extension	.63	0	.63	0	0	0
" "	Perry Road	0	3,600.00	0	3,600.00	3,386.11	213.89
" "	Tony Atkinson Rd.	126.23	0	126.23	0	0	0
Landis "	De Shibe Terrace	0	9,000.00	9,000.00	0	0	0
" "	East Park Ave.	0	8,216.03	0	8,216.03	7,548.16	667.87
" "	New Pear St.	0	9,000.00	2,216.03	6,783.97	6,783.97	0

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Schedule 17-G

Cumberland (contd.)	Name of Road	Balance on Allot. Dec.31,1940	1 9 4 1	Cancelled for Re-allotment	T o t a l	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Landis Twp.	Park Ave.	$ 0	$ 9,000.00	$ 9,000.00	$ 0	$ 0	$ 0
Lawrence "	Lummistown-Center Grove Sec. 1	2,467.21	0	0	2,467.21	2,467.21	0
" "	Same " 2	3,600.00	0	3.91	3,596.09	3,596.09	0
" "	Sayres Neck(Davis Rd.)	1.51	0	1.51	0	0	0
" "	Schafer Ave.-Lummistown "	4.32	0	4.32	0	0	0
" "	Sorantino Rd.	0	810.00	0	810.00	789.72	20.28
Maurice Riv. Twp.	Christian Field Rd.	22.14	0	22.14	0	0	0
" " "	Garrison Rd.	1,350.00	0	0	1,350.00	1,350.00	0
" " "	Hesstown Rd.,Sec.2	1.24	0	1.24	0	0	0
" " "	" " " 3	.08	0	.08	0	0	0
" " "	McDonald Ave., " 1	.43	0	.43	0	0	0
" " "	Taylor Rd. " 1	0	4,500.00	0	4,500.00	4,267.40	232.60
Stow Creek "	Cook Road	0	3,600.00	0	3,600.00	3,501.05	98.95
" " "	Frazier Road	1.49	0	1.49	0	0	0
" " "	Roadstown-Town Hall Rd.	2.29	0	2.29	0	0	0
" " "	Seventh Day Mill Rd.	0	2,250.00	0	2,250.00	0	2,250.00
Upper Deerfield Twp.	Boyd Fox Rd. Sec. 2	0	3,400.00	0	3,400.00	0	3,400.00
" " "	Husted Sta. Rd.	3,150.00	0	0	3,150.00	3,150.00	0
Vineland Boro	Crystal Ave.	2,070.00	0	2,070.00	0	0	0
" "	N.East Ave.,etc.	3,920.82	0	3,920.82	0	0	0
" "	Var. sts.	2,146.64	0	0	2,146.64	0	2,146.64
" "	Peach St.	0	9,000.00	0	9,000.00	0	9,000.00
" "	Plum & New Pear St.	0	10,220.82	0	10,220.82	8,002.84	2,217.98
" "	Plum St.	10,000.00	0	0	10,000.00	0	10,000.00
" "	Var. sts. 1937	2,430.00	0	2,430.00	0	0	0
" "	" " 1938	1,800.00	0	1,800.00	0	0	0
Maintenance & Repairs of Unimproved Twp. & Boro Roads 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		4,757.57	125,000.00	126,812.81	2,944.76	0	2,944.76
Essex							
Belleville Town	Greylock Parkway	9,000.00	0	0	9,000.00	0	9,000.00
Bloomfield "	Glenwood Ave. & Prospect St.	9,800.00	31,000.00	0	40,800.00	30,024.30	10,775.70
*Caldwell Twp.	New Dutch Lane	38,854.76	0	0	38,854.76	35,857.75	2,997.01
" Boro	Prospect St.	9,000.00	0	0	9,000.00	0	9,000.00
Cedar Grove Twp.	Ozone Ave., Sec. 2	9,000.00	0	3,950.73	5,049.27	5,049.27	0
" " "	Sherman Ave.	0	3,950.73	0	3,950.73	0	3,950.73
Essex Fells Boro	Argule Rd.,etc.	145.05	0	145.05	0	0	0

Schedule #17-H

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Essex (contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Essex Fells Boro	Rensselaer Rd., Oldchester Rd.,etc.	$ 6,000.00	$ 0	$ 6,000.00	$ 0	$ 0	$ 0
" " "	Rensselaer Rd.,Oldchester Fells, Hillbury Rds.	0	9,000.00	9,000.00	0	0	0
" " "	Rensselaer Rd., Sec. 2 & Hillbury Rd.	0	15,000.00	0	15,000.00	9,238.05	5,761.95
Irvington Town	Myrtle Ave., Sec. 2	9,000.00	0	3,178.04	5,821.96	5,821.96	0
" "	Woolsey St., " 2	1,000.00	0	1,000.00	0	0	0
Livingston Twp.	Sycamore Ave.	9,000.00	0	0	9,000.00	0	9,000.00
Maplewood "	Burnett " Widening Sec. 2	10,948.21	0	0	10,948.21	0	10,948.21
" "	Valley St.	0	5,000.00	0	5,000.00	0	5,000.00
Millburn "	Hobart Ave.	17,872.41	0	0	17,872.41	0	17,872.41
Montclair Town	Claremont Ave.	21,000.00	0	0	21,000.00	0	21,000.00
* " "	" " Sec. 2	0	5,900.00	0	5,900.00	0	5,900.00
N.Caldwell Boro	Grandview Place	4,500.00	0	0	4,500.00	0	4,500.00
Nutley Town	Joerg Ave.	0	1,800.00	0	1,800.00	0	1,800.00
" "	San Antonio Ave.,etc.	1,227.44	0	1,227.44	0	0	0
W. Caldwell Boro	Hillside Ave.-Waverly Place & Elwood Terr.	9,000.00	0	31.68	8,968.32	8,968.32	0
" " "	Park St. (East)	83.00	0	83.00	0	0	0
" " "	Woodrow Place,Park Ave.	0	15,000.00	0	15,000.00	0	15,000.00
W. Orange Town	Harrison Ave.	7,200.00	12,100.00	0	19,300.00	17,443.26	1,856.74
Maintenance & Repairs of Unimproved Twp. & Boro Roads 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		0	125,865.21	125,000.00	865.21	0	865.21

* For Addtl. Funds see Twp. & Boro Maint. Statement.

Gloucester							
Clayton Boro	Broad St.	0	8,980.00	0	8,980.00	0	8,980.00
" "	Center Sts.	8,032.15	0	18.86	8,013.29	8,013.29	0
Deptford Twp.	Salina Rd.,Sec.1	0	6,000.00	2,400.00	3,600.00	3,600.00	0
" "	" " " 2	0	2,400.00	0	2,400.00	2,400.00	0
E.Greenwich Twp.	Harmony Rd., " 2	51.99	0	51.99	0	0	0
" " "	Various sts. in Mt.Royal & Clarksboro	0	4,000.00	0	4,000.00	3,934.93	65.07
Elk Twp.	Glassboro & Ferrell Rd. Sec. 1	0	1,000.00	0	1,000.00	0	1,000.00
" "	Mullica Hill Rd.	.25	0	.25	0	0	0
Franklin Twp.	Stanton Ave.	62.32	0	62.32	0	0	0
" "	Victoria " Sec. 4	0	4,280.00	0	4,280.00	4,270.00	10.00

Schedule #17-I

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Gloucester(contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1 9 4 1	Cancelled for Re-allotment	T o t a l	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Franklin Twp.	Weymouth Rd. Sec. 2	$ 0	$ 3,000.00	$ 1,380.00	$ 1,620.00	$ 1,620.00	$ 0
" "	Williamstown Road	0	5,400.00	900.00	4,500.00	4,500.00	0
Glassboro Boro	Jefferson Ave. & Blvd.	0	450.00	0	450.00	0	450.00
" "	Various sts. 1940	2,220.00	0	2,220.00	0	0	0
" "	" " 1941	0	5,400.00	356.14	5,043.86	4,500.00	543.86
Greenwich Twp.	Flood Gates Rd.	0	4,500.00	4,500.00	0	0	0
" "	Forest,Orchard,etc.	3.85	0	3.85	0	0	0
" "	North Delaware St.	0	700.00	0	700.00	0	700.00
" "	Swedesboro Rd.,etc.	0	4,500.00	0	4,500.00	4,485.87	14.13
" "	Various sts. 1941	0	2,500.00	0	2,500.00	2,478.60	21.40
Harrison "	Back Creek Rd. Sec.1	4,300.00	0	.61	4,299.39	4,299.39	0
" "	Walters Rd.	0	3,500.00	0	3,500.00	3,239.86	260.14
Logan "	Beckett " Sec. 1	0	4,000.00	0	4,000.00	0	4,000.00
" "	" " " 2	0	2,000.00	0	2,000.00	0	2,000.00
" "	Floodgate Rd.,etc.	81.58	0	81.58	0	0	0
Mantua "	Golf Club "	0	1,800.00	450.00	1,350.00	1,350.00	0
" "	Heritage Rd. (Gravel & B. S. T.)	22.25	0	22.25	0	0	0
" "	Jackson Rd.	0	3,450.00	0	3,450.00	3,450.00	0
Monroe "	Janvier "	0	5,400.00	900.00	4,500.00	4,500.00	0
" "	Radix "	0	2,520.00	0	2,520.00	0	2,520.00
National Park Boro	Asbury Ave.	1.75	0	1.75	0	0	0
" " "	" " Sec. 2	0	2,000.00	2,000.00	0	0	0
" " "	Oak Ave.,Chestnut St.	0	2,000.00	0	2,000.00	1,999.26	.74
Newfield Boro	Various sts. 1941	0	4,000.00	4,000.00	0	0	0
" "	Weymouth,Oakland, Maple,Hazel Sts.	0	4,000.00	0	4,000.00	0	4,000.00
Paulsboro "	Beacon,Nassau,etc.	82.55	0	82.55	0	0	0
" "	Intersection of Fifth St., Del. St.&Billingsport Rd.	1,600.60	0	1,600.60	0	0	0
" "	Riverview Ave., Clonmell Road	312.79	0	312.79	0	0	0
" "	Thompson Ave. & Vanneman Blvd.	0	1,600.60	0	1,600.60	0	1,600.60
Pitman "	Various sts. 1940	236.92	0	236.92	0	0	0
" "	" " 1941	0	9,000.00	0	9,000.00	0	9,000.00
So. Harrison Twp.	Crispin Rd.	4,798.00	0	0	4,798.00	4,499.78	298.22
" " "	Richwood-Harrisonville Sec.1(Srf.trt.)	702.00	0	8.30	693.70	693.70	0
" " "	Same Sec. 2 & 3	0	4,500.00	0	4,500.00	0	4,500.00

Schedule #17-J

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Gloucester (contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Swedesboro Boro	2nd St. & Lake Ave.	$ 0	$ 2,700.00	$ 0	$ 2,700.00	$ 0	$ 2,700.00
" "	Various sts. 1941	0	5,000.00	5,000.00	0	0	0
Washington Twp.	Salina Rd. & Salina-Cross Keys Rd.	950.00	6,400.00	0	7,350.00	0	7,350.00
" "	Park, Lake, Central Av.	2,500.00	0	0	2,500.00	1,796.22	703.78
" "	Fish Pond Rd., etc.	4,050.00	0	0	4,050.00	3,671.53	378.47
Wenonah Boro	Poplar, Cherry Sts.	0	3,000.00	1.38	2,998.62	2,998.62	0
" "	So. West Ave., (Surf Trt.)	585.00	0	125.45	459.55	459.55	0
" "	Various sts. 1939	196.55	0	0	196.55	0	196.55
W. Deptford Twp.	1st Ave.	0	5,064.24	0	5,064.24	0	5,064.24
" " "	Brewer, Dubois Aves.	84.78	0	84.78	0	0	0
" " "	Center St.	0	2,000.00	0	2,000.00	0	2,000.00
" " "	Elbourne, Lafayette, Francis Ave., etc.	4,700.00	0	0	4,700.00	4,699.53	.47
" " "	Milton "	1,464.24	0	1,464.24	0	0	0
Westville Boro	Birch, Oak, High Sts.	0	1,500.00	0	1,500.00	1,500.00	0
" "	4th, 5th Sts.	0	598.40	0	598.40	598.40	0
" "	Various sts. 1940	598.40	0	598.40	0	0	0
" "	" " 1941	0	4,000.00	0	4,000.00	0	4,000.00
Woodbury City	Cooper St.	8,100.00	900.00	1,077.68	7,922.32	7,922.32	0
" "	Railroad Ave.	0	11,077.68	0	11,077.68	0	11,077.68
" "	Tatum St.	1,690.00	0	0	1,690.00	0	1,690.00
" "	Various sts. 1940	900.00	0	900.00	0	0	0
" "	" " 1941	0	10,000.00	10,000.00	0	0	0
Woodbury Hts. Boro	Academy Ave., etc. (Surf. Treat.)	13.56	0	13.56	0	0	0
" " "	Woodland, Chestnut-East, Chestnut-West, etc.	396.36	0	396.36	0	0	0
" " "	Maple, Barlow Ave., etc.	0	3,825.00	0	3,825.00	0	3,825.00
" " "	Various sts. 1941	0	4,500.00	3,825.00	675.00	0	675.00
Woolwich Twp.	Back Creek Rd. Sec.1	0	5,500.00	2,527.00	2,973.00	2,969.82	3.18
" "	" " " " 2	0	2,527.00	0	2,527.00	0	2,527.00
" "	" " " " 3	0	860.00	0	860.00	0	860.00
" "	Harrison Sta. Rd., Sec. 1	3,900.00	0	30.27	3,869.73	3,869.73	0
" "	High St.	0	1,440.00	0	1,440.00	0	1,440.00
" "	Warrington Mill "	.36	0	.36	0	0	0
County Balance		1,138.08	125,000.00	126,137.68	.40	0	.40

Schedule #17-K

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1 9 4 1	Cancelled for Re-allotment	T o t a l	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Hudson							
E. Newark Boro	Third St.	$ 0	$ 17,000.00	$ 0	$ 17,000.00	$ 17,000.00	$ 0
Guttenberg Town	26th "	8,500.15	31.27	0	8,531.42	8,531.42	0
" "	70th St., Sec.2	0	20,000.00	0	20,000.00	19,441.05	558.95
North Bergen Twp.	Broadway	35,000.00	15,000.00	0	50,000.00	35,120.58	14,879.42
" " "	Dell Ave.	0	10,000.00	0	10,000.00	0	10,000.00
*Secaucus Town	Center Ave.	9,474.76	0	0	9,474.76	9,474.76	0
" "	Irving St.	1,421.99	0	1,421.99	0	0	0
" "	Maple St.,etc.	0	35,000.00	35,000.00	0	0	0
" "	" St.	0	17,988.93	0	17,988.93	14,225.81	3,763.12
" "	Minnie Place	0	11,026.49	0	11,026.49	8,300.80	2,725.69
* " "	Fifth St.	0	8,310.24	0	8,310.24	7,001.97	1,308.27
Weehawken Twp.	Park Ave., Sec.2	10,000.00	0	10,000.00	0	0	0
W.New York Town	16th St. " 2	8,351.04	0	1,425.83	6,925.21	6,925.21	0
" " " "	Park Ave.	0	40,000.00	1,509.11	38,490.89	26,936.63	11,554.26
County Balance		0	125,000.00	125,000.00	0	0	0

* For Addl. Funds see Twp. & Boro Maint. Statement.

Hunterdon							
Alexandria Twp.	Pittstown-Bloomsbury Sec. 3	47.31	0	47.31	0	0	0
Bloomsbury Boro	Church St. Ext.	1,000.00	0	0	1,000.00	1,000.00	0
" "	Various sts. 1941	0	2,000.00	0	2,000.00	0	2,000.00
Clinton Twp.	Annandale-High Bridge	9,000.00	0	212.54	8,787.46	8,787.46	0
" "	" " "Sec.2	0	9,400.00	0	9,400.00	9,153.01	246.99
" "	Cokesbury-Califon Rd.	4,000.00	212.54	0	4,212.54	4,212.54	0
Delaware "	Ringoes-Croton Sec.3	1,287.16	0	0	1,287.16	1,220.45	66.71
" "	" " " 4	0	4,500.00	0	4,500.00	4,487.31	12.69
Franklin "	Pittstown-Baptistown (Bit.Surf. trt.)	0	150.00	0	150.00	150.00	0
" "	River Road	0	10,000.00	0	10,000.00	7,898.46	2,101.54
Frenchtown Boro	Ridge Road	0	6,918.12	0	6,918.12	0	6,918.12
Holland Twp.	Spring Mills-Holland Church Sec. 4	1,070.00	0	0	1,070.00	1,070.00	0
Kingwood "	Kingwood-Byram Sec.3	103.52	0	103.52	0	0	0
" "	" " " 5	9,500.00	0	*9,500.00	0	0	0
" "	" " " 6	0	11,000.00	*11,000.00	0	0	0
Lebanon "	Glen Gardner-Wood Glen Sec. 3	9,000.00	0	470.38	8,529.62	8,529.62	0
" "	Same " 4	0	9,152.26	0	9,152.26	9,152.26	0
Raritan "	Ringoes-Croton Sec.3	1,287.16	0	0	1,287.16	1,220.45	66.71
" "	" " " 4	0	4.500.00	0	4.500.00	4.487.31	12.69

Schedule #17-L

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Hunterdon(contd.)							
Tewksbury Twp.	Cokesbury-Califon Sec. 1	$ 0	$ 5,000.00	$ 0	$ 5,000.00	$ 3,960.01	$ 1,039.99
Union "	Clinton-Tunisons Cor. Sec. 2	9,500.00	0	325.90	9,174.10	9,174.10	0
" "	Same " 3	0	5,000.00	0	5,000.00	4,818.89	181.11
" "	Pattenburg-Norton Rd.	0	8,325.90	0	8,325.90	6,083.03	2,242.87
Maintenance & Repairs of Unimproved Twp. & Boro Roads 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		0	125,000.83	125,000.00	.83	0	.83
	* Transferred to Secondary & Feeder Roads, Federal Aid.						
Mercer							
E. Windsor Twp.	Cranbury Crossroad	3,000.00	0	0	3,000.00	0	3,000.00
" " "	Etra-Monm. Co.Line	3,000.00	0	0	3,000.00	3,000.00	0
Ewing "	7th St.	0	8,100.00	0	8,100.00	0	8,100.00
" "	De Cou Ave.	0	8,100.00	8,100.00	0	0	0
" "	Wilburtha Road	18,000.00	0	0	18,000.00	18,000.00	0
Hamilton "	Klockner "	0	8,100.00	0	8,100.00	0	8,100.00
" "	Yardville-Hamilton Sq. Road Sec. 6	226.12	0	0	226.12	0	226.12
Hightstown Boro	Maxwell Ave. Sec. 1	3,600.00	0	0	3,600.00	0	3,600.00
" "	" " & Grant " Sec. 2	4,000.00	0	0	4,000.00	0	4,000.00
Hopewell "	Model " " 2	7,479.44	0	0	7,479.44	6,367.42	1,112.02
" "	" " " 3	0	4,500.00	0	4,500.00	0	4,500.00
" "	Hopewell-Wertsville Sec.3	8,164.93	0	0	8,164.93	5,209.16	2,955.77
" "	Moores Station-Ackors Cor. Rd. Sec. 4	0	8,100.00	0	8,100.00	0	8,100.00
Lawrence "	Princeton Pike Sec. 3	10,000.00	0	0	10,000.00	10,000.00	0
" "	" " " 4	0	8,100.00	0	8,100.00	0	8,100.00
Pennington Boro	Eglantine Ave.	0	7,200.00	7,200.00	0	0	0
" "	West Welling Ave.	0	7,200.00	0	7,200.00	2,889.80	4,310.20
Princeton Twp.	Princeton Pike Sec.2	9,742.11	0	1,432.38	8,309.73	8,309.73	0
" "	" " " 3	0	9,532.38	0	9,532.38	2,861.44	6,670.94
" Boro	Westcott,Library St.	0	4,500.00	0	4,500.00	0	4,500.00
" "	Green,Quarry Sts.,etc.	7,000.00	0	0	7,000.00	6,460.74	539.26
Washington Twp.	Robbinsville-Sharon Sec. 7	6,787.02	0	0	6,787.02	6,656.80	130.22
" "	Same " 8	0	9,000.00	0	9,000.00	0	9,000.00
W. Windsor "	Alexander Rd.	7,200.00	0	637.65	6,562.35	6,562.35	0
" " "	" " Sec. 2	0	8,737.65	0	8,737.65	0	8,737.65

Schedule #17-

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1 9 4 1	Cancelled for Re-allotment	T o t a l	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Mercer (contd.)							
W. Windsor Twp.	Reed-Dey Road	$ 2,157.40	$ 0	$ 0	$ 2,157.40	$ 2,157.40	$ 0
" " "	" " Sec. 2	0	1,200.00	0	1,200.00	0	1,200.00
" " "	Varsity Ave. & Wilder Ave.	3,688.59	0	0	3,688.59	3,688.59	0
Maintenance & Repairs of Unimproved Twp. & Boro Roads 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		0	125,000.00	125,000.00	0	0	0
Middlesex							
Carteret Boro	Hudson St.,etc.	0	5,000.00	0	5,000.00	0	5,000.00
" "	Romanowski,Herman Aves.	3,484.07	0	3,484.07	0	0	0
Cranbury Twp.	Cranbury Sta.-Wyckoffs Mills Rd.	0	2,250.00	0	2,250.00	0	2,250.00
" "	Wyckoffs Mills Rd.	9,900.00	0	0	9,900.00	4,836.43	5,063.57
Dunellen Boro	Prospect Ave.,Sec.2	810.29	0	810.29	0	0	0
" "	" " " 3	0	11,000.00	0	11,000.00	0	11,000.00
E.Brunswick Twp.	Dutch Road	0	8,000.00	0	8,000.00	0	8,000.00
" " "	New Brunswick Ave.	0	8,000.00	8,000.00	0	0	0
" " "	Rhode Hall Road	1,187.54	0	1,187.54	0	0	0
" " "	" " "	2,618.42	0	2,618.42	0	0	0
Metuchen Boro	Lake Ave.	0	4,500.00	0	4,500.00	0	4,500.00
Middlesex "	Mountain Ave., Sec. 2, Wallington St.,etc.	17,000.00	4,000.00	0	21,000.00	14,757.99	6,242.01
" "	Stephenson Ave.	0	4,000.00	4,000.00	0	0	0
Monroe Twp.	Cranbury Sta.-Wyckoffs Mills Road	0	2,250.00	0	2,250.00	0	2,250.00
" "	Union Val.-Applegarth	8,959.66	0	0	8,959.66	8,396.98	562.68
Piscataway Twp.	West 4th St.,Sec.2	0	13,680.00	0	13,680.00	0	13,680.00
Plainsboro "	Dey Road, Sec.2&3	973.86	0	973.86	0	0	0
" " " " "	4 & Scotts Cor.-Monm. Jct. Rd.	10,416.10	0	1,081.66	9,334.44	9,334.4[illegible]	0
" "	Scotts Cor.-Monm.Jct.Sec.2	0	15,981.66	0	15,981.66	11,806.63	4,174.98
Raritan "	New Dover Rd. Sec. 1	0	4,500.00	0	4,500.00	0	4,500.00
Sayreville Boro	Deerfield Rd.	12,400.00	0	0	12,400.00	0	12,400.00
" "	" " Sec. 2	0	6,600.00	0	6,600.00	0	6,600.00
" "	Sandfield " " 3	772.75	0	772.75	0	0	0
S.Brunswick Twp.	Cottageville-Fresh Ponds Rd., Sec. 3	9,000.00	0	0	9,000.00	8,272.69	727.31
" " "	Same Sec. 4	0	8,200.00	0	8,200.00	0	8,200.00
" " "	New Road	4.91	0	4.91	0	0	0

Schedule #17-N

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Middlesex(contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
So.Brunswick Twp.	New Road(South) Sec. 2	$ 15,000.00	$ 830.66	$ 0	$ 15,830.66	$ 10,014.97	$ 5,815.69
So.Plainfield Boro	Delmore Ave.	0	4,420.00	0	4,420.00	0	4,420.00
Maintenance & Repairs of Unimproved Twp. & Boro Roads 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		5,654.14	125,351.84	130,630.66	375.32	0	375.32
Monmouth							
Atlantic Twp.	Jerseyville Rd.	0	2,600.00	2,600.00	0	0	0
" "	Montrose Rd.(Grading)	2,600.00	0	418.12	2,181.88	2,181.88	0
" "	" " (Paving)	0	4,688.01	0	4,688.01	0	4,688.01
" Highlands Boro	E.Highland Ave.	1,500.00	0	0	1,500.00	1,500.00	0
" " "	Prospect,8th Aves.	0	1,500.00	0	1,500.00	1,500.00	0
Avon-by-the-Sea "	Fifth Ave.	1,500.00	0	0	1,500.00	1,500.00	0
" " " " "	4th & W.End "	0	1,500.00	368.00	1,132.00	1,132.00	0
" " " " "	Third Ave.	0	368.00	0	368.00	0	368.00
Belmar Boro	Various sts. 1939	5,901.14	0	0	5,901.14	4,971.86	929.28
" "	" " 1940	5,000.00	0	0	5,000.00	5,000.00	0
" "	" " 1941	0	5,000.00	0	5,000.00	0	5,000.00
Bradley Beach Boro	Bradley Blvd. & Beach Ave.	0	2,500.00	0	2,500.00	0	2.500.00
" " "	Madison,Central Aves.	3,000.00	0	0	3,000.00	3,000.00	0
Brielle Boro	Various sts. 1941	0	2,000.00	0	2,000.00	0	2,000.00
Deal "	Roosevelt Ave.(Surf.Trt.)	521.21	0	0	521.21	521.21	0
Eatontown "	Reynolds Drive " "	630.28	0	630.28	0	0	0
" "	Villa Place	0	630.28	0	630.28	0	630.28
Freehold Twp.	Wemlock-West Freehold Sec. 2	2,000.00	0	0	2,000.00	2,000.00	0
" "	W. Freehold-Georgia School House Rd., Sec. 3	0	1,500.00	0	1,500.00	0	1,500.00
Howell "	Lippincott Rd.	0	1,000.00	0	1,000.00	1,000.00	0
" "	Hulick-Peckin Rd.	0	3,000.00	0	3,000.00	3,000.00	0
Interlaken Boro	Bendermere Ave.	232.84	0	232.84	0	0	0
" "	Buttermere "	2,000.00	0	0	2,000.00	2,000.00	0
" "	Windermere "	0	2,000.00	0	2,000.00	0	2,000.00
Keyport "	Atlantic St.	2,911.40	0	2,911.40	0	0	0
" "	Beers St.,etc.(Surf.trt.)	585.74	0	585.74	0	0	0
" "	W. 1st, Monroe St.,etc.	2,120.00	0	0	2,120.00	2,120.00	0
" "	Prospect,E.Front,etc.	0	7,911.40	0	7,911.40	7,911.40	0
Manalapan Twp.	Craig Road	0	1,500.00	0	1,500.00	1,500.00	0

Schedule #17-O

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Monmouth (contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Manasquan Boro	Various sts. 1940	$ 121.77	$ 0	$ 121.77	$ 0	$ 0	$ 0
" "	" " 1941	0	4,000.00	0	4,000.00	4,000.00	0
Matawan "	Broad St.	0	1,000.00	0	1,000.00	0	1,000.00
Middletown Twp.	Atlantic Ave.(East Keansburg)	0	6,000.00	0	6,000.00	0	6,000.00
" "	Hudson & Thompson Aves.(East Keansburg)	116.19	0	116.19	0	0	0
" "	Woman's Hill Rd.	7,000.00	0	0	7,000.00	0	7,000.00
" "	Mountain Hill Rd. Sec. 2	33.36	0	33.36	0	0	0
" "	Various sts. 1941	0	6,000.00	6,000.00	0	0	0
Millstone "	Baird's Cor.-Sweetman's Lane	2,500.00	0	0	2,500.00	0	2,500.00
" "	Ely's Cor.-Eiler's Cor.	0	1,000.00	1,000.00	0	0	0
" "	Clarksburg-Red Val. Rd. & Ely's Cor.-Eilers Cor.	0	2,500.00	0	2,500.00	0	2,500.00
Neptune City Boro	Hillside, Third, Summit, 5th Ave.	3,000.00	0	0	3,000.00	3,000.00	0
" " "	Various sts. 1940	3,000.00	0	3,000.00	0	0	0
" " "	" " 1941	0	3,000.00	3,000.00	0	0	0
" " "	Hawthorne, Avondale, Riverview Ave., etc.	0	6,000.00	0	6,000.00	0	6,000.00
Neptune Twp.	7th, 8th Ave., etc.	4,500.00	0	0	4,500.00	4,500.00	0
" "	Ninth Ave., etc.	0	4,500.00	0	4,500.00	4,147.69	352.31
" "	Pine Brook-Hamilton Rd. (Surf. Treatment)	0	630.00	0	630.00	0	630.00
Ocean "	Bendermere Ave.	3,000.00	3,000.00	0	6,000.00	0	6,000.00
" "	Roseld Ave. & Allenhurst Ave.	1,321.78	0	0	1,321.78	1,321.78	0
Oceanport Boro	Port-au-peck Ave., Sec. 1 & 2(Bit.trt.)	0	2,000.00	0	2,000.00	0	2,000.00
" "	Same Sec. 1 & 2, Commanche Drive	90.83	0	90.83	0	0	0
Raritan Twp.	Hazlet & Union Aves.	0	2,000.00	0	2,000.00	2,000.00	0
Sea Girt Boro	Boston & Brooklyn Blvds., Sec. 2	0	2,286.62	0	2,286.62	0	2,286.62
" " "	Chicago, Brooklyn, New York, Baltimore Blvd.	0	2,000.00	2,000.00	0	0	0
" " "	Various sts. (1939)	1.66	0	1.66	0	0	0
" " "	" " (1940)	2,000.00	0	286.62	1,713.38	1,713.38	0

Schedule #17-P

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Monmouth(contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1 9 4 1	Cancelled for Re-allotment	T o t a l	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Shrewsbury Twp.	Cranbury Brook-Wayside Road	$ 0	$ 1,500.00	$ 0	$ 1,500.00	$ 1,500.00	$ 0
" "	Pine Brook-Hamilton Sec. 2(Surf. trt.)	0	2,430.00	0	2,430.00	2,430.00	0
" "	Shark River Sta. Road	147.27	0	147.27	0	0	0
So. Belmar Boro	Seventeenth Ave.	0	1,000.00	0	1,000.00	1,000.00	0
Spring Lake "	Various sts. 1940	2,000.00	0	159.09	1,840.91	1,840.91	0
" " "	Newark, Tuttle, Monroe Aves.	0	2,000.00	0	2,000.00	0	2,000.00
" " "	Various sts. 1941	0	2,000.00	2,000.00	0	0	0
Spring " Hts. "	Ocean Road	150.00	0	0	150.00	150.00	0
" " " "	Old Mill " & Mercer Ave.	0	393.17	0	393.17	0	393.17
" " " "	" " " Sec. 2, Lake Ave.,etc.	13.40	0	13.40	0	0	0
" " " "	Various sts. 1940(B.S.T.)	2,000.00	0	393.17	1,606.83	1,606.83	0
" " " "	Lake,7th Ave.,etc.	0	1,000.00	0	1,000.00	0	1,000.00
Union Beach Boro	Park "	2,000.00	0	2,000.00	0	0	0
Upper Freehold Twp.	Ellisdale-Walnford-Allentown Sec. 4	3,965.49	0	490.37	3,475.12	3,475.12	0
" " "	Red Valley-Imlays Hill Road	0	5,400.00	0	5,400.00	2,468.41	2,931.59
Wall Twp.	Manasquan River Bridge to Glendale Road	0	4,500.00	0	4,500.00	0	4,500.00
" "	Marconi Road & Old Mill "	4,500.00	0	0	4,500.00	3,583.13	916.87
" "	Sea Girt Ave.	4,000.00	0	0	4,000.00	4,000.00	0
Maintenance & Repairs of Unimproved Twp. & Boro Roads 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		237.37	125,000.00	125,237.37	0	0	0
Morris							
Boonton Town	Vreeland Ave.,Sec.1	577.68	0	577.68	0	0	0
Butler Boro	Roosevelt "	6,059.17	0	0	6,059.17	6,059.17	0
Chatham Twp.	Mt. Vernon "	10,500.00	2,123.71	0	12,623.71	12,623.71	0
Chester "	South Rd.(Storm Drain)	7,000.00	0	36.47	6,963.53	6,963.53	0
" "	South Rd.Sec.1(Surface)	0	7,000.00	0	7,000.00	6,932.82	67.18
Denville "	Savage Rd.-Morris Ave., Sec. 1	0	9,000.00	0	9,000.00	0	9,000.00
Harding Twp.	Basking Ridge-NewVernon						

Schedule #17-C

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Morris (contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Jefferson Twp.	Sparta-Oak Ridge Sec.2 (Newfoundland)	$ 239.83	$ 0	239.83	$ 0	$ 0	$ 0
" "	Sparta-Newfoundland Road Sec. 3	9,222.40	179.17	1,000.00	8,401.57	8,401.57	0
" "	Same Sec. 4	0	12,000.00	179.17	11,820.83	11,809.03	11.80
Montville "	River Road	510.97	0	510.97	0	0	0
Morris "	Western Ave.	0	11,782.35	0	11,782.35	3,895.25	7,887.10
" Plains Boro	Malapardis Road	0	6,000.00	0	6,000.00	0	6,000.00
Passaic Twp.	Long Hill "	8,000.00	0	1,026.31	6,973.69	6,973.69	0
" "	" " " Sec. 2	0	9,000.00	0	9,000.00	0	9,000.00
Randolph "	Randolph Ave.	0	6,000.00	726.49	5,273.51	5,273.51	0
" "	" "(French Drain)	0	726.49	0	726.49	0	726.49
Rockaway Boro	Beach St.	366.54	0	366.54	0	0	0
" "	Franklin Ave.	0	9,000.00	0	9,000.00	0	9,000.00
Washington Twp.	Long Valley-Fairmount Sec. 5	0	7,000.00	0	7,000.00	6,645.26	354.74
Maintenance & Repairs of Unimproved Twp. & Boro Roads 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		148.26	125,060.34	125,208.60	0	0	0
Ocean							
Barnegat City Boro	6th St.	0	1,000.00	0	1,000.00	1,000.00	0
" " "	9th St.	800.00	0	38.23	761.77	761.77	0
" " "	Various sts. 1941	0	1,000.00	1,000.00	0	0	0
Beach Haven Boro	Kentford Ave., Iroquois Sec. 2	3,500.00	0	0	3,500.00	3,500.00	0
" " "	Various sts. 1941	0	3,500.00	0	3,500.00	0	3,500.00
Beachwood Boro	Lookout St.	3,500.00	0	0	3,500.00	3,500.00	0
" "	Various sts. 1941	0	2,000.00	0	2,000.00	0	2,000.00
Berkeley Twp.	Brown Ave., Layton Ave., & Lawshe Drive	0	1,796.79	0	1,796.79	0	1,796.79
" "	Louis Ave., Sec. 2 & Anglesea Ave.	3,500.00	0	1,796.79	1,703.21	1,703.21	0
" "	Louis Ave., Sec. 3	0	4,500.00	0	4,500.00	0	4,500.00
" "	Western Blvd.	0	4,500.00	4,500.00	0	0	0
Brick "	Altier Ave.,Harris St., Central "	0	1,687.65	0	1,687.65	0	1,687.65
" "	Mandalay Rd.(Normandy Beach)	7,500.00	0	3,789.18	3,710.82	3,710.82	0
" "	" " Sec. 2 etc.	0	3,500.00	0	3,500.00	3,499.39	.61
" "	Silverton Rd. & Mercer Ave.	0	4,000.00	1,687.65	2,312.35	0	2,312.35

Schedule #17-R

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Ocean(contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1 9 4 1	Cancelled for Re-allotment	T o t a l	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Brick Twp.	Various sts. 1941	$ 0	$ 4,000.00	$ 4,000.00	$ 0	$ 0	$ 0
Dover "	Batchellor St.	0	3,780.00	0	3,780.00	0	3,780.00
" "	Dickinson Ave.	0	1,350.00	0	1,350.00	0	1,350.00
" "	Grover Rd. & Foster Rd.	0	2,943.00	0	2,943.00	0	2,943.00
" "	Lillie Rd. & Bash Rd.	0	2,727.00	0	2,727.00	0	2,727.00
" "	Spruce,Orchard Ave.,etc.	4,546.80	0	0	4,546.80	3,691.40	855.40
" "	Sunset Drive,N.Trinidad,etc.	4,135.97	0	0	4,135.97	3,222.39	913.58
" "	Various sts. 1941	0	10,800.00	10,800.00	0	0	0
Eaglewood Twp.	Homestead Ave.	0	1,200.00	0	1,200.00	0	1,200.00
" "	Willits Ave.,etc.	1,200.00	0	0	1,200.00	875.18	324.82
Harvey Cedars Boro	Burlington Ave.,etc.	1,500.00	457.80	0	1,957.80	1,957.80	0
" " "	Various sts. 1941	0	1,500.00	0	1,500.00	0	1,500.00
Jackson Twp.	Prospertown-Lakehurst Sec.3	3,500.00	0	539.78	2,960.22	2,960.22	0
" "	Third St.	0	3,500.00	0	3,500.00	0	3,500.00
Lacey Twp.	Cedar Creek Road	0	3,000.00	3,000.00	0	0	0
" "	Haynes St.,etc.	3,000.00	0	86.47	2,913.53	2,913.53	0
" "	Parker Ave.,"	0	3,000.00	0	3,000.00	0	3,000.00
Lavallette Boro	Bay Blvd.(1938) & Bond Ave. Drainage	1,493.54	0	1,493.54	0	0	0
" "	Bond & Brown Ave. (Drainage)	0	1,927.61	0	1,927.61	1,927.61	0
" "	Dover Ave.	2,000.00	0	665.72	1,334.28	1,055.48	278.80
Little Egg Harb. Twp.	Gail Rd.,Sec.2	0	2,037.50	0	2,037.50	0	2,037.50
" " " "	Otis Bog Rd., Sec. 2	3,420.00	0	224.00	3,196.00	3,196.00	0
" " " "	Stafford Forge Rd. Sec. 1	1,500.00	0	0	1,500.00	1,500.00	0
" " " "	Same " 2	580.00	0	0	580.00	580.00	0
" " " "	" " 3	0	2,686.50	0	2,686.50	0	2,686.50
" " " "	Various rds. 1941	0	4,500.00	4,500.00	0	0	0
Long Beach Twp.	Ocean Blvd. or Beach Ave.	3,000.00	225.00	0	3,225.00	3,225.00	0
" " "	" " Sec. 2	0	4,000.00	0	4,000.00	0	4,000.00
Manchester "	Broadway Blvd.,Sec. 2 Morningside St.	3,000.00	0	0	3,000.00	3,000.00	0
" "	School House Rd. " 2	0	3,000.00	0	3,000.00	0	3,000.00
Ocean "	Bonita Rd., Sec. 2	0	2,500.00	2,500.00	0	0	0
" "	Breaker St.,etc.	0	2,500.00	0	2,500.00	0	2,500.00
" "	Dollmore St. "	2,000.00	0	0	2,000.00	2,000.00	0
Ocean Gate Boro	Cape May Ave.	2,000.00	0	0	2,000.00	1,082.26	917.74

Schedule #17-S

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Ocean (contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1 9 4 1	Cancelled for Re-allotment	T o t a l	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Ocean Gate Boro	Lakewood Ave.	$ 0	$ 3,000.00	$ 0	$ 3,000.00	$ 0	$ 3,000.00
Pine Beach "	Penns Ave.,Sec.2, Lincoln " etc.	3,500.00	0	1.44	3,498.56	3,498.56	0
" " "	Washington Ave.,etc.	0	3,000.00	0	3,000.00	0	3,000.00
Plumstead Twp.	Archertown Rd. Sec.2	0	3,500.00	3,500.00	0	0	0
" "	Hawkin Rd., Sec. 2	3,000.00	0	0	3,000.00	0	3,000.00
" "	" " " 3	0	1,554.73	0	1,554.73	1,554.73	0
" "	Nash Rd.,Terrace Ave. & Ice Plant Rd.	0	3,500.00	0	3,500.00	0	3,500.00
Point Pleasant Boro	North Rd., etc.	3,000.00	0	1,014.95	1,985.05	1,985.05	0
Pt. Pleasant "	Passaic Ave.	0	3,000.00	3,000.00	0	0	0
" " "	" " ,Front, Estell,Layton Ave.	0	3,000.00	0	3,000.00	0	3,000.00
" " "	Rue Cambone, etc.	4,092.89	0	0	4,092.89	3,611.65	481.24
" " Beach "	Chicago,Princeton Aves.	0	3,000.00	0	3,000.00	0	3,000.00
" " " "	Arnold, Cincinnati "	0	2,500.00	0	2,500.00	0	2,500.00
" " " "	Various Sts. 1940	3,000.00	0	3,000.00	0	0	0
Seaside Hts. "	W. Central Ave.Ext.	0	800.00	0	800.00	0	800.00
Ship Bottom-Beach	9th, 5th Sts. & Barnegat Ave.,etc.	3,000.00	0	.24	2,999.76	2,999.76	0
Arlington Boro	11th St.	0	3,000.00	0	3,000.00	0	3,000.00
Same	Dover Rd.Ext.,Torrey Ave.	2.53	0	2.53	0	0	0
So.Toms River "	Mill St.	2,000.00	0	240.18	1,759.82	1,759.82	0
" " " "	Wirth St.	42.51	0	42.51	0	0	0
Stafford Twp.	Stafford Ave.	1,200.00	0	0	1,200.00	945.24	254.76
Surf City Boro	Various sts.(S.3rd,etc.)	3,000.00	0	256.81	2,743.19	2,743.19	0
" " "	" " 1941	0	3,000.00	0	3,000.00	0	3,000.00
Tuckerton "	Cox & Pharo Aves.	0	1,000.00	0	1,000.00	0	1,000.00
" "	Parker Bay,etc.	205.13	0	205.13	0	0	0
Union Twp.	Howardsville Rd.,Sec.2	4,000.00	0	1.62	3,998.38	3,998.38	0
" "	" " " 3	0	4,000.00	0	4,000.00	0	4,000.00
Maint. & Repairs,etc. 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		200.98	125,114.17	125,200.98	114.17	0	114.17
Passaic							
Bloomingdale Boro	Elizabeth Ave.	0	4,000.00	0	4,000.00	0	4,000.00
" "	Vreeland "	21.59	0	0	21.59	0	21.59
Haledon "	Hobart "	1,205.51	0	0	1,205.51	1,205.51	0
" "	Mountain " & Verein St.	0	3,310.70	0	3,310.70	0	3,310.70

Schedule #17-F

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Passaic(contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1 9 4 1	Cancelled for Re-allotment	T o t a l	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Hawthorne Boro	Fifth Ave.	$ 7,500.00	$ 0	$ 0	$ 7,500.00	$ 7,500.00	$ 0
" "	" " Sec. 2	0	6,500.00	0	6,500.00	4,584.22	1,915.78
" "	Pasadena Pl. Sec. 2	826.17	0	826.17	0	0	0
" "	Royal Ave.	134.27	0	134.27	0	0	0
" "	Washington Ave.	740.99	0	740.99	0	0	0
Little Falls Twp.	Muller Place etc.	0	7,328.69	0	7,328.69	0	7,328.69
" " "	Randolph " "	1,768.01	0	1,768.01	0	0	0
" " "	Woodhull Ave.,"	5,500.00	0	2,328.69	3,171.31	3,171.31	0
North Haledon Boro	Linda Vista Ave. (High Mt.Rd. to Terrace Ave.)	0	9,123.17	0	9,123.17	2,268.02	6,855.15
" " Boro	Suncrest Ave.,etc.	10,541.31	2,000.00	2,123.17	10,418.14	6,011.40	4,406.74
Pompton Lakes "	Colfax Ave.	337.32	0	337.32	0	0	0
" " "	" " Sec. 2	0	8,443.97	0	8,443.97	8,326.03	117.94
" " "	Lincoln "	114.37	0	114.37	0	0	0
Prospect Park "	Brown " " 2	0	8,000.00	0	8,000.00	0	8,000.00
" " "	Hoppner St., Fairview & Brown Aves.	8,500.00	0	0	8,500.00	2,312.71	6,187.29
Ringwood Boro	Conklintown Rd.,Sec.2	98.88	0	98.88	0	0	0
" "	Cupsaw Ave.	0	7,550.00	0	7,550.00	5,871.37	1,678.63
" "	Summit Rd.,etc.	3,299.92	0	0	3,299.92	3,295.93	3.99
" "	Mohawk Trail Sec. 2	6,000.00	0	1,050.00	4,950.00	2,551.34	2,398.66
Totowa "	Garfield Place,Redmond St.	4,000.00	0	1,299.60	2,700.40	2,484.86	215.54
" "	Hobart Ave.,Sec. 2, Storm Sewer	5,000.00	0	2,855.81	2,144.19	2,144.19	0
" "	McKenna Ave. & Bogert St.	0	4,000.00	4,000.00	0	0	0
" "	Lincoln Ave.,etc.	0	8,000.00	0	8,000.00	0	8,000.00
" "	Tracy " & Hobart Ave., Sec. 2 (Paving)	1,800.00	5,923.42	0	7,723.42	0	7,723.42
Wanaque "	Conklintown Rd.,Sec.2	98.88	0	98.88	0	0	0
Wayne Twp.	Hardwick Lane	0	6,500.00	0	6,500.00	0	6,500.00
" "	Indian Road	1,290.05	0	1,290.05	0	0	0
" "	" " Sec. 2	697.28	0	697.28	0	0	0
" "	" " " 3	8,000.00	0	1,579.51	6,420.49	0	6,420.49
" "	" " " 4	8,500.00	2,405.68	0	10,905.68	0	10,905.68
W. Milford Twp.	Warwick Tpk.,Sec. 6 & Drainage on Sec. 2	7,390.06	0	776.46	6,613.60	6,613.60	0
" " "	West Brook Rd.	4,500.00	776.46	0	5,276.46	5,101.79	174.67
" " "	" " " Sec. 2	0	8,500.00	0	8,500.00	0	8,500.00
" Paterson Boro	Bergen Blvd., " 2,etc.	1,267.28	0	1,267.28	0	0	0

Schedule #17-U

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Passaic(contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1 9 4 1	Cancelled for Re-allotment	T o t a l	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
W. Paterson Boro	Marcellus Ave.,etc.	$ 0	$ 2,000.00	$ 2,000.00	$ 0	$ 0	$ 0
" " "	Newby Ave., "	564.13	0	564.13	0	0	0
" " "	Passaic " etc.	0	7,000.00	0	7,000.00	4,871.98	2,128.02
" " "	Peckman " "	427.21	0	427.21	0	0	0
Maintenance & Repairs of Unimproved Twp. & Boro Roads 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		14.11	125,015.99	125,000.00	30.10	0	30.10
Salem							
Alloway Twp.	Emmel Road	0	1,575.00	0	1,575.00	0	1,575.00
" "	Lacy "	8,235.40	0	0	8,235.40	8,235.40	0
" "	Timberman Road	0	7,700.00	1,575.00	6,125.00	0	6,125.00
" "	Waterworks "	2,514.60	0	0	2,514.60	2,514.60	0
Elmer Boro	Barton Ave., Penn St.	0	2,000.00	0	2,000.00	0	2,000.00
Elsinboro Twp.	Sinnickson Landing Road, Sec. 2	3,041.84	9,660.00	720.00	11,981.84	11,981.84	0
" "	Same Sec. 2 (Sluice Construction)	0	720.00	0	720.00	720.00	0
Lower Alloway Creek Twp.	Long Bridge Rd.	1,242.85	0	1,242.85	0	0	0
" " " "	Poplar St.	0	4,500.00	350.74	4,149.26	4,149.25	.01
" Penns Neck Twp.	Harvard Rd.	0	4,500.00	0	4,500.00	4,500.00	0
" " " "	Kansas "	4,500.00	0	0	4,500.00	0	4,500.00
" " " "	River Dr.,Benson Ave.	85.13	0	85.13	0	0	0
Mannington "	Du Bois Rd.	0	5,400.00	1,800.00	3,600.00	3,599.46	.54
" "	" " " Sec. 2	0	1,800.00	0	1,800.00	1,800.00	0
"	"Marshalltown Rd. " 2	2,000.00	0	.15	1,999.85	1,999.85	0
Penns Grove Boro	Maryland Ave.	0	3,000.00	0	3,000.00	0	3,000.00
" " "	Pearl, Justice Sts.	2,950.00	0	482.97	2,467.03	2,467.03	0
" " "	S. Smith Ave.	1,250.00	0	0	1,250.00	0	1,250.00
" " "	W. Union St.,etc.	2,700.00	0	0	2,700.00	2,700.00	0
Pilesgrove Twp.	Yorktown-Mannington Rd.	0	4,140.00	23.89	4,116.11	4,116.11	0
Pittsgrove "	Elmer-Greenville "	0	4,500.00	0	4,500.00	0	4,500.00
" "	Palatine-Husted Rd.	5,800.00	0	0	5,800.00	0	5,800.00
" "	State Park-Willow Grove Sec. 2	9,538.59	0	0	9,538.59	0	9,538.59
Quinton "	New Bridge Rd.	0	7,700.00	196.75	7,503.25	7,503.25	0
Salem City	Belden & Church Sts.	1,218.39	0	1,218.39	0	0	0
" "	Fenwick, Morrison Ave.	0	1,365.28	0	1,365.28	0	1,365.28
" "	Pledger Street	0	1,218.39	0	1,218.39	1,080.00	138.39
" "	Seventh "	0	2,500.00	2,500.00	0	0	0

Schedule #17-V

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Salem (contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1 9 4 1	Cancelled for Re-allotment	T o t a l	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Salem City	Wesley St.,etc.	$ 0	$ 7,000.00	$ 1,365.28	$ 5,634.72	$ 0	$ 5,634.72
Upper Penns Neck Twp.	Arbor Lane, Garden Lane,etc.	0	2,358.00	0	2,358.00	2,358.00	0
" " " "	Georgetown Rd.	2,962.73	0	0	2,962.73	2,962.73	0
" " " "	Maplewood,Pinewood, & Oakwood Aves.	0	4,500.00	0	4,500.00	4,500.00	0
" " " "	Various sts. 1941	0	4,500.00	4,500.00	0	0	0
" Pittsgrove Twp.	Chestnut Island Rd., Sec. 1	0	5,000.00	1,400.00	3,600.00	3,528.06	71.94
" " "	Same " 2	0	1,400.00	0	1,400.00	1,170.14	229.86
Woodstown Boro	Allen Ave.,East,etc.	4,203.22	0	0	4,203.22	4,203.22	0
" "	Ashbrook Ave.,etc.	0	5,400.00	0	5,400.00	5,047.77	352.23
Maintenance & Repairs of Unimproved Twp. & Boro Roads 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		0	125,024.48	125,000.00	24.48	0	24.48
Somerset							
Bedminster Twp.	Pluckemin-Burnt Mills Rd.,Sec.1(Paving)	10,813.63	0	2,677.77	8,135.86	8,135.86	0
" "	Same " 4	0	13,677.77	0	13,677.77	0	13,677.77
Bernards "	Martinsville - Liberty Corner, Sec. 5	19,000.00	0	0	19,000.00	8,242.75	10,757.25
" "	Same " 6	0	8,000.00	0	8,000.00	0	8,000.00
Bridgewater "	Adamsville Rd.	4,500.00	0	334.60	4,165.40	4,165.40	0
" "	No. Bridge St.	10,000.00	189.83	0	10,189.83	10,189.83	0
" "	" " " Sec. 2	0	12,373.44	0	12,373.44	12,373.44	0
Franklin "	Bunker Hill Rd. " 4	8,867.60	0	0	8,867.60	8,687.60	180.00
" "	Cedar Grove Lane, Sec. 1	0	7,000.00	0	7,000.00	0	7,000.00
Green "	Gold St.	0	4,000.00	0	4,000.00	0	4,000.00
Hillsborough "	New Center-School House Rd., Sec. 3	0	5,500.00	656.86	4,843.14	4,843.14	0
No. Plainfield Boro	Maple Ave.-Wilson Ave.	4,697.05	0	0	4,697.05	4,697.05	0
Somerville Boro	Adamsville Rd.	4,500.00	0	334.59	4,165.41	4,165.41	0
" "	West Cliff St. Sec.1	0	12,000.00	0	12,000.00	12,000.00	0
So. Bound Brook Boro	Edgewood Terrace	3,575.93	0	3,575.93	0	0	0
" " " "	" " Sec.2	4,500.00	4,500.00	9,000.00	0	0	0
" " " "	Madison St. & Louis Ave.	0	12,575.93	0	12,575.93	12,344.78	231.15
Warren Twp.	Gillette-Watchung						

Schedule #17-M

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Somerset (contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31,1941	Dec.31,1941
Warren Twp.	Mt.Horeb Rd.,Sec.1	$ 7,000.00	$ 0	$ 0	$ 7,000.00	7,000.00	$ 0
Watchung Boro	Valley Rd., Sec. 4 & Crossway	12,616.29	0	0	12,616.29	8,807.87	3,808.42
" "	Crossway-Valley Rd. Sec. 4(Surface)	0	12,000.00	0	12,000.00	0	12,000.00
Maintenance & Repairs of Unimproved Twp. & Boro Roads 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		8.12	125,315.06	125,000.00	323.18	0	323.18
Sussex							
Andover Twp.	Springdale-Fredon Rd.	0	700.00	0	700.00	700.00	0
Branchville Boro	Kemah Lake Rd.	0	3,000.00	0	3,000.00	0	3,000.00
Byram Twp.	Old Stanhope Rd.	6,000.00	0	0	6,000.00	4,795.88	1,204.12
" "	" " " Sec. 2	5,000.00	0	0	5,000.00	0	5,000.00
" "	Amity-Mohawk Rd. " 3	6,000.00	0	0	6,000.00	4,665.99	1,334.01
Frankford Twp.	County Farm Rd. " 2	0	7,000.00	0	7,000.00	0	7,000.00
" "	Plains Rd. Sec.2&3	8,000.00	8,000.00	0	16,000.00	0	16,000.00
" "	" " " 3	8,000.00	0	8,000.00	0	0	0
Franklin Boro	Davis Road	0	8,000.00	0	8,000.00	0	8,000.00
" "	Scott "	3,929.74	0	0	3,929.74	3,929.74	0
Fredon Twp.	Fredon-Springdale, Sec. 1(Surf. Trt.)	0	751.59	0	751.59	721.49	30.10
" "	Same Sec. 2	751.59	0	751.59	0	0	0
" "	" " 3	0	6,300.00	0	6,300.00	0	6,300.00
Green "	Dark Moon Rd.	0	2,500.00	1,309.29	1,190.71	1,190.71	0
" "	Greendell-Hunstville, Sec. 2 & 3 (Surf. trt.)	159.90	0	0	159.90	0	159.90
" "	Greendell-Johnsonburg Rd.	46.44	0	0	46.44	0	46.44
" "	Huntsville-Springdale	0	5,000.00	0	5,000.00	0	5,000.00
" "	Shotwell Road	0	2,500.00	0	2,500.00	0	2,500.00
" "	" " Sec. 2	0	1,309.29	0	1,309.29	0	1,309.29
Hamburg Boro	Linwood Ave. & Oak St. Sec. 1, 2, 3	6,000.00	6,500.00	0	12,500.00	0	12,500.00
" "	Linwood Ave. & Oak St. Sec. 2	4,000.00	0	4,000.00	0	0	0
" "	" Ave.,Oak St.Sec. 3	0	2,500.00	2,500.00	0	0	0
Hampton Twp.	Myrtle Grove-Lake Kemah Rd. Sec.2, Mecca Lake Rd.	5,000.00	0	0	5,000.00	4,391.61	608.39
" "	Paulinskill Lake, W. Shore	0	5,000.00	0	5,000.00	0	5,000.00
Hardyston Twp.	Big Spring Road	6,500.00	0	0	6,500.00	0	6,500.00

Schedule #17-X

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Sussex(contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Hopatcong Boro	Brooklyn-Stanhope Rd. Sec. 1&2	$ 8,485.34	$ 0	$ 0	$ 8,485.34	$ 8,429.75	$ 55.59
" "	Same " 3	0	10,000.00	0	10,000.00	0	10,000.00
" "	Indian&Mohawk Trails,Sec.2	450.00	0	0	450.00	0	450.00
Lafayette Twp.	Sunset Inn-Lime Crest Rd.	6,000.00	0	0	6,000.00	5,272.61	727.39
Lafayette Twp.	Statesville Quarry Rd.	0	4,000.00	0	4,000.00	0	4,000.00
Montague "	New Road Sec. 3	547.34	0	0	547.34	0	547.34
" "	" " " 4	0	5,000.00	0	5,000.00	0	5,000.00
Newton Town	Trinity St.	0	10,000.00	0	10,000.00	8,316.16	1,683.84
Sandyston Twp.	Bevans River Rd.	8,000.00	0	3,502.37	4,497.63	4,497.63	0
" "	" " " Sec. 2	0	2,565.00	805.18	1,759.82	1,759.82	0
" "	Ridge Rd., Sec. 4	0	2,500.00	0	2,500.00	2,500.00	0
" "	" " " 5	0	1,742.55	0	1,742.55	0	1,742.55
" "	Shaytown Cemetery Rd.	0	4,000.00	0	4,000.00	4,000.00	0
Sparta "	Lime Crest Rd. Sec.2	5,000.00	0	0	5,000.00	2,869.18	2,130.82
" "	Morris Lake Rd. " 5	2,345.62	0	293.01	2,052.61	0	2,052.61
" "	Old Stanhope Rd.	5,000.00	0	5,000.00	0	0	0
" "	" " " Sec.1&2	7,500.00	5,000.00	0	12,500.00	0	12,500.00
Stillwater "	Hampton-Mt.Benevolence Rd.	4,000.00	293.01	0	4,293.01	4,293.01	0
" "	Ridge Road	4,000.00	0	0	4,000.00	3,938.93	61.07
Sussex Boro	Lakeshore Drive	3,000.00	0	0	3,000.00	0	3,000.00
Vernon Twp.	Highland Lakes-Canisteer Rd.	0	4,000.00	0	4,000.00	0	4,000.00
" "	Moe Tavern Rd.(Surf.Trt.)	0	3,000.00	0	3,000.00	1,307.88	1,692.12
" "	Sand Hill Rd.	6,000.00	0	1,500.00	4,500.00	4,346.51	153.49
" "	" " "(Bit.Surf.Trt.)	0	1,500.00	0	1,500.00	880.57	619.43
Walpack "	River Rd., Sec. 3	8,000.00	0	8,000.00	0	0	0
" "	" " " 3&4	13,000.00	10,900.00	0	23,900.00	5,379.76	18,520.24
" "	" " " 5	0	9,000.00	2,900.00	6,100.00	0	6,100.00
Wantage Twp.	Mt.Salem-Unionville Rd.	10,000.00	0	10,000.00	0	0	0
" "	Same Sec. 1 & 2	0	16,000.00	0	16,000.00	0	16,000.00
" "	Quarryville-Wolf Pit Rd.	8,500.00	0	0	8,500.00	0	8,500.00
Maintenance & Repairs of Unimproved Twp. & Boro Roads 1941		0	25,000.00	0	25,000.00	25,000.00	0
County Balance		0	125,000.00	125,000.00	0	0	0
Union							
Cranford Twp.	Lincoln Ave.,Sec. 3	15,009.00	0	0	15,009.00	0	15,009.00
Hillside "	North Union Ave.	10,800.00	2,700.00	0	13,500.00	12,311.46	1,188.54
" "	Summit "	1,472.26	0	1,472.26	0	0	0
" "	Sweetland "	9,000.00	0	0	9,000.00	7,387.00	1,613.00

Schedule #17-Y

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Union (contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1 9 4 1	Cancelled for Re-allotment	T o t a l	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Mountainside Boro	New Providence Road	$ 0	$ 2,500.00	$ 0	$ 2,500.00	$ 0	$ 2,500.00
New Providence Boro	Elkwood Ave.	0	18,000.00	0	18,000.00	0	18,000.00
Roselle Boro	Thompson "	2,676.37	0	0	2,676.37	0	2,676.37
" Park "	Colfax "	0	11,000.00	0	11,000.00	0	11,000.00
" " "	Valley Rd. & Beechwood Aves.	17,100.00	0	0	17,100.00	0	17,100.00
Scotch Plains Twp.	Westfield Ave.	11,314.48	0	0	11,314.48	11,274.35	40.13
" " "	" " Sec.2	0	14,400.00	0	14,400.00	0	14,400.00
Union Twp.	Oakland "	0	7,200.00	0	7,200.00	0	7,200.00
" "	Union Ave.	0	7,200.00	7,200.00	0	0	0
" "	Vaux Hall Rd.,Sec.3	3,830.51	0	0	3,830.51	0	3,830.51
" "	" " " " 4	22,500.00	0	0	22,500.00	0	22,500.00
" "	" " " " 5	0	16,300.00	0	16,300.00	0	16,300.00
Westfield Town	Fourth Ave. & So. Chestnut Ave.	18,000.00	0	0	18,000.00	16,354.89	1,645.11
" "	Gallows Hill Rd.	735.00	0	735.00	0	0	0
" "	Brightwood Ave.	3,252.36	0	3,252.36	0	0	0
" "	East Broad St.	0	8,100.00	0	8,100.00	0	8,100.00
" "	Windsor Ave., Ripley Place & Livingston St.	0	8,100.00	8,100.00	0	0	0
Maintenance & Repair of Unimproved Twp. & Boro Roads 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		0	125,752.36	125,492.74	259.62	0	259.62
Warren							
Alpha Boro	Warren St.	4,305.65	0	514.62	3,791.03	3,791.03	0
Blairstown Twp.	New Road, Rt. #8 to Stillwater Rd.	19,300.00	0	0	19,300.00	8,888.18	10,411.82
" "	Vail-Polkville Road	402.62	0	402.62	0	0	0
Frelinghuysen Twp.	Dark Moon Road, Sec. 1 & 2	14,129.88	0	0	14,129.88	13,057.79	1,072.09
Hardwick "	Blairstown-Stillwater Sec. 1 (New Road)	3,600.00	0	0	3,600.00	912.87	2,687.13
" "	Spring Valley Road Sec. 2	9,050.96	0	2,649.23	6,401.73	6,401.73	0
Harmony Twp.	Harmony Sta. Rd.	94.72	0	94.72	0	0	0

Schedule #17-Z

Motor Vehicle Fund - Township & Boro Aid
(Construction, Reconstruction and Maintenance)

Warren(contd.)	Name of Road	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31,1941	Balance on Allotment Dec.31,1941
Knowlton Twp.	Walnut Corner-Blairstown Line Rd.	$ 0	$ 9,000.00	$ 0	$ 9,000.00	$ 0	$ 9,000.00
Liberty "	Mountain Lake-Great Meadows Road, Sec. 1 & 2	7,494.89	0	90.00	7,404.89	7,404.89	0
" "	Mt. Lake-Great Meadows Rd., Sec. 3	5,364.30	0	5,364.30	0	0	0
" "	Mt. Lake-Great Meadows Rd. Sec. 4 & Sec. 3	0	17,364.30	0	17,364.30	6,593.16	10,771.14
Mansfield "	Mt. Bethel Rd. " 3	0	6,750.00	0	6,750.00	6,748.34	1.66
Oxford "	Race's Corner-Oxford Road	2,250.00	0	0	2,250.00	1,524.20	725.80
" "	Same Sec. 2	0	11,600.00	0	11,600.00	0	11,600.00
Pahaquarry "	River Rd. Sec. 2	447.62	0	0	447.62	447.62	0
" "	" " " 3 & 4	40.04	0	40.04	0	0	0
" "	" " " 6	27.18	0	27.18	0	0	0
Phillipsburg Town	Lock & Logan Sts.	0	10,950.00	0	10,950.00	0	10,950.00
" "	Roseberry, Metz "	18.02	0	18.02	0	0	0
Pohatcong Twp.	Still Valley-Warren Glen-Bloomsbury Rd.	214.39	0	214.39	0	0	0
" "	Various rds. & sts.	4,000.00	0	0	4,000.00	0	4,000.00
Washington "	Murder's Bridge Rd.	7,682.55	0	2,276.96	5,405.59	5,405.59	0
" Boro	Broad St.	0	27,450.41	0	27,450.41	21,821.28	5,629.13
" "	Pershing Ave.	32.69	0	32.69	0	0	0
White Twp.	Race's Cor.-Oxford Rd.	9,000.00	2,000.00	0	11,000.00	8,389.09	2,610.91
Maint. & Repairs, etc., 1941		0	50,000.00	0	50,000.00	50,000.00	0
County Balance		193.86	126,803.92	125,193.86	1,803.92	0	1,803.92
		$1,787,003.88	*$5,801,815.97	$3,213,663.55	$4,375,156.30	$2,722,103.69	$1,653,052.61
General Cancellation Fund		1,818.18			1,818.18		1,818.18
		$1,788,822.06			$4,376,974.48		$1,654,870.79

$2,625,000.00 - 1941 Funds
3,176,815.97 - From Cancellations
*$5,801,815.97

Schedule #18

Motor Vehicle Funds
Township & Boro Aid Maintenance

County	Balance on Allot. Dec.31,1940	Allotted 1941	Cancelled for Re-allotment	Total	Expenditure Jan. 1 to Dec.31, 1941	Balance on Allot. Dec.31, 1941
Atlantic	$ 10,794.71	$ 25,000.00	$ 0	$ 35,794.71	$ 16,756.11	$ 19,038.60
Bergen	0	25,486.50	0	25,486.50	25,486.50	0
Burlington	12,778.92	25,000.00	45.01	37,733.91	37,592.31	141.60
Camden	11,696.60	25,000.00	226.70	36,469.90	8,151.00	28,318.90
Cape May	10,674.63	27,201.64	1,209.47	36,666.80	6,377.68	30,289.12
Cumberland	3,003.14	25,000.00	0	28,003.14	0	28,003.14
Essex	22,314.83	25,000.00	25,000.00	22,314.83	4,689.23	17,625.60
A-*Caldwell Twp.,New Dutch Lane	6,325.24	0	0	6,325.24	0	6,325.24
A-*Town Montclair-Claremont Ave.Sec.2	0	25,000.00	0	25,000.00	0	25,000.00
Gloucester	14,576.07	25,000.00	0	39,576.07	35,167.25	4,408.82
Hudson	0	25,000.00	25,000.00	0	0	0
*Boro of E.Newark-Sherman Ave.	1,260.76	0	1,260.76	0	0	0
A-*Town of Secaucus-Center Ave.	19,039.12	0	739.35	18,299.77	18,299.77	0
A-* " " " -Fifth St.	0	2,000.11	0	2,000.00	1,048.07	952.04
*Town of Kearny-Hackensack Ave.,3rdSt.	0	25,000.00	0	25,000.00	15,612.71	9,387.29
Hunterdon	12,758.34	25,000.00	0	37,758.34	10,673.40	27,084.94
Mercer	11,062.78	25,000.00	0	36,062.78	18,804.15	17,258.63
Middlesex	14,967.62	25,000.00	1,302.39	38,665.23	7,723.94	30,941.29
Monmouth	16,751.38	26,520.00	3,052.92	40,218.46	23,615.29	16,603.17
Morris	10,411.63	25,000.00	0	35,411.63	9,457.23	25,954.40
Ocean	13,564.70	25,000.00	9.73	38,554.97	12,375.05	26.179.92
Passaic	14,569.31	25,000.00	0	39,659.31	14,990.02	24,669.29
Salem	16,574.39	25,000.00	0	41,574.39	13,774.82	27,799.57
Somerset	11,536.02	25,000.00	0	36,536.02	3,113.38	33,422.64
Sussex	10,344.97	25,000.00	0	35,344.97	31,579.06	3,765.91
Union	4,664.16	25,000.00	365.74	29,298.42	0	29,298.42
Warren	6,604.53	25,000.00	0	31,604.53	5,719.72	25,884.81
	$ 256,363.85	**$581,208.25	$58,212.07	$ 779,360.03	$ 321,006.69	$ 458,353.34
Unallotted Funds	5,020.68			7,024.50		7,024.50
	$ 261,384.53			$ 786,384.53		$ 465,377.84

$525,000.00 - 1941 Funds
56,208.25 - From Cancellations
**$581,208.25

* Construction Work, In accordance with Chap. #365 P. L. 1938 & Chap. #380 P.L. 1939.

A - For additional funds see "Twp. & Boro Aid Const., Maint.,etc." statement.

Expenditures and Commitments for Purchase of Plant and Equipment for the Year 1941

Description		
Autos	$ 93,110.44	
Trucks	60,247.75	
Road Equipment	55,929.57	
Snow "	65,407.05	
Snow Fence & Posts	12,111.95	
Fernwood Garage Equipment	1,212.65	
Newark Garage Building	7,958.67	
TOTAL EXPENDITURES -		$295,978.08

Commitments as of Dec. 31, 1941

Autos	$ 9,673.32	
Trucks	7,196.14	
Road Equipment	45,997.90	
Snow "	11,580.00	
TOTAL COMMITMENTS -		74,447.36
TOTAL EXPENDITURES AND COMMITMENTS -		$370,425.44
B A L A N C E -		$ 6,168.03

Schedule #20

Engineering and Inspection
State Highway

	Expenditures to Dec. 31, 1941
Construction General:	
Salaries	$ 33,057.01
Traveling Expense	101.74
Postage	166.20
Equipment	373.68
Supplies	2,423.01
Telephone	466.48
Miscellaneous	5.15
Department Auto & Truck Use	1,344.76
	$ 37,938.03
W. P. A. Projects:	
Salaries	$ 88,968.36
Blue Prints	21.85
Outside Equipment Hire - Mileage	114.08
Traveling Expense	1,566.30
Supplies	546.47
Equipment	396.64
Postage	49.74
Telephone	1,703.09
Advertising	552.40
Miscellaneous	2.94
Department Auto & Truck Use	15,607.00
	$109,528.87
Survey and Plans:	
Salaries	$333,894.97
Traveling Expense	1,470.44
Outside Equipment Hire - Mileage	763.58
Supplies	9,729.70
Building & Grounds	6,236.95
Rent	9,090.14
Equipment	3,345.88
Blue Prints	6,160.10
Insurance	87.12
Photographs	402.10
Telephone	2,448.02
Postage	453.26
Purchase & Stores Account	235.77
Department Auto & Truck Use	30,836.06
	$405,154.09
Road Construction:	
Salaries	$354,977.40
Engineering Expense	659.80
Outside Equipment Hire - Mileage	427.84
Equipment	776.57
Advertising	3,855.97
Photographs	122.23
Supplies	645.12
Building & Grounds	3,121.51
Telephone	3,807.51
Blue Prints	28.71
Postage	627.29
Purchase & Stores Account	.34
Department Auto & Truck Use	58,674.86
	$427,725.15

Schedule #20-A

Engineering and Inspection
State Highway
(2)

	Expenditures to Dec. 31, 1941
Bridge Construction:	
Salaries	$ 157,675.57
Special Engineering Service	34,492.84
Engineering Expense	476.40
Inspection Expense	188.45
Sounding Apparatus Expense	596.81
Outside Equipment Hire - Mileage	811.30
Supplies	1,868.48
Equipment	100.90
Postage	41.53
Advertising	3,281.40
Blue Prints	944.98
Telephone	1,018.87
Purchase & Stores Account	86.85
Department Auto & Truck Use	8,961.24
	$ 210,545.62
TOTAL ENGINEERING AND INSPECTION	$1,190,891.76

Schedule #21

Engineering and Inspection
County & Township Aid

	Expenditures to Dec. 31, 1941
Salaries	$ 258,099.01
Engineering Expense	913.21
Outside Inspection	2,589.43
Inspection Expense	6,718.29
Outside Equipment Hire - Mileage	4,645.53
Supplies	2,658.37
Telephone	1,691.15
Blue Prints	128.99
Equipment	379.47
Postage	4,784.84
Miscellaneous	58.29
Department Auto & Truck Use	24,722.37
	$ 307,388.95

Schedule #22

State-Wide Highway Planning

Federal Project

	Expenditures to Dec. 31, 1941
Salaries	$ 67,572.86
Traveling Expense	59.85
Outside Equipment Hire - Mileage	10,333.86
Supplies	4,063.72
Rent	7,364.75
Equipment	4,559.24
Blue Prints	1,469.40
Postage	175.81
Telephone	787.87
Tabulator Rental	4,842.55
Department Auto & Truck Use	888.23
	$ 102,118.14

Administrative Cost of Acquiring Right of Way

	Expenditure to Dec. 31, 1941
Negotiation and Title:	
Salaries	$ 159,868.42
Appraisal Service	22,948.50
Titles	5,111.81
Traveling Expense	3,370.80
Outside Equipment Hire - Mileage	252.28
Rent	45.00
Building & Grounds	430.86
Supplies	1,131.49
Equipment	324.95
Advertising	13.64
Postage	811.88
Blue Prints	906.87
Telephone	1,858.84
Miscellaneous	18.80
Department Auto & Truck Use	9,877.19
	$ 206,971.33
Condemnation:	
Salaries	$ 55,291.59
Special Services, Attorneys, Appraisers, Witnesses, Condemnation, etc.	25,930.54
Condemnation Advertising	1,615.39
Traveling Expense	134.47
Supplies	467.17
Telephone	602.93
Equipment	174.60
Miscellaneous	5.25
Department Auto & Truck Use	4,221.44
	$ 88,443.38
TOTAL COST OF ACQUIRING RIGHT OF WAY	$ 295,414.71

Administration

	Expenditures to Dec. 31, 1941
General:	
Salaries	$ 120,523.81
Special Services	123.25
Traveling Expense	1,044.32
Outside Equipment Hire - Mileage	524.10
Supplies	7,097.28
Equipment	2,829.02
Telephone & Telegraph	3,088.44
Maps & Blue Prints	9,202.98
Postage	5,525.45
Building & Grounds	765.64
Rent	400.00
Insurance	951.34
Exhibits, Sign Work, Displays, etc.	653.45
Photographic Supplies	772.18
" Equipment	188.82
Purchase & Stores Account	2.53
Miscellaneous	1,762.00
Department Auto & Truck Use	13,325.92
	$ 168,780.53
Auditing and Accounting:	
Salaries	$ 29,247.68
Traveling Expense	220.71
Telephone	258.84
Supplies	184.59
Purchase & Stores Account	2.23
Department Auto & Truck Use	12.20
	$ 29,926.25
Purchasing:	
Salaries	$ 12,639.70
Traveling Expense	-
Outside Equipment Hire - Mileage	40.20
Telephone	319.74
Equipment	82.66
Department Auto & Truck Use	70.88
	$ 13,153.18

Administration
(2)

	Expenditures to Dec. 31, 1941
Laboratory:	
Salaries	$ 142,862.90
Credit for Outside Inspection	1,071.55*
Outside Inspection	10,844.25
Traveling Expense - Testing	2,159.81
- Inspection	916.17
- Core Drill	1,110.43
Outside Equipment Hire - Mileage	4,059.61
Supplies	6,256.21
Equipment	2,646.56
Building & Grounds	632.06
Telephone	1,271.93
Heat & Light	2,871.05
Water Rent	332.06
Postage	1,130.96
Freight and Express	1,882.32
Purchase & Stores Account	8.59
Miscellaneous	848.55
Insurance	1,796.09
Rent	240.00
Department Auto & Truck Use	10,432.88
	$ 191,230.88
TOTAL ADMINISTRATION EXPENDITURE	$ 403,090.84

* RED

Operation of Plant and Equipment

	Expenditures to Dec. 31, 1941
Operation of Automobiles:	
Salaries (Operators)	$ 43,954.38
Gasoline	40,022.50
Oil and Grease	2,544.76
Storage	3,946.86
Tires and Tubes	6,496.81
Garage Labor	40,523.33
Parts - New and Repair	12,688.71
Tools	521.23
Supplies	3,769.89
Traveling Expense	164.15
Insurance	6,060.35
Purchase & Stores Account	2,101.11
Miscellaneous	1,240.10
Depreciation	42,431.45
	$ 206,465.63
Operation of Trucks:	
Salaries (Operators)	$ 310,171.47
Gasoline	55,547.49
Oil and Grease	5,944.93
Storage	7,075.87
Tires and Tubes	9,069.91
Parts - New and Repair	20,150.86
Garage Labor	50,826.67
Tools	586.39
Supplies	7,994.79
Traveling Expense	19.35
Insurance	5,382.69
Purchase & Stores Account	3,476.10
Miscellaneous	322.68
Depreciation	78,798.45
	$ 555,367.65
Operation of Equipment:	
Salaries (Operators)	$ 87,019.90
Gasoline	21,154.91
Oil and Grease	2,110.05
Storage	4,124.26
Tires and Tubes	1,977.82
Garage Labor	26,357.51
Parts - New and Repair	32,266.74
Tools	673.29
Supplies	4,939.73
Insurance	3,369.60
Traveling Expense	1.50
Purchase & Stores Account	3,776.87
Miscellaneous	45.44
Depreciation	66,745.96
	$ 254,563.58

Operation of Plant and Equipment
(2)

	Expenditures to Dec. 31, 1941
Operation of Garages:	
Salaries	$ 135,364.99
Gasoline	174.94
Oil and Grease	56.40
Office Equipment	748.95
Repair Parts	551.58*
Tools	1,493.19
Materials and Supplies	4,964.49
Rent	3,180.60
Heat and Light	5,542.52
Freight and Express	1,562.47
Telephone	4,083.28
Insurance	2,509.08
Outside Equipment Hire - Mileage	493.20
Traveling Expense	194.95
Compensation and Medical	2,837.52
Postage	454.24
Tabulator Rent	3,234.03
Building and Grounds	7,472.07
Maintenance and Betterment	6,137.90
Purchase and Stores Account	3,808.22
Depreciation	4,075.76
	$ 187,837.22
TOTAL COST OF OPERATION OF PLANT AND EQUIPMENT	$1,204,234.08

* RED figure.

Operation of Buildings and Grounds

	Expenditures to Dec. 31, 1941		
148 West State Street:			
Labor	$ 1,762.72		
Supplies	100.42		
Heat	166.27		
Light & Power	339.79		
Rent	3,060.00		
Miscellaneous	1,744.12	$ 7,173.32	
Fernwood:			
Labor	$ 1,310.93		
Supplies	729.27		
Heat	2,183.38		
Light & Power	1,396.67		
Water Rent	329.41		
Miscellaneous	371.00	6,320.66	
Newark:			
Labor	$ 3,204.34		
Supplies	281.91		
Heat	1,006.18		
Light & Power	1,222.50		
Water Rent	123.06		
Rent	1.00		
Driveways & Grounds	1,824.47		
Miscellaneous	1,661.35	9,324.81	
Vineland:			
Supplies	$ 43.69		
Heat	242.84		
Light & Power	143.21		
Miscellaneous	544.02	973.76	
Dover:			
Labor	$ 37.54		
Heat	131.56		
Light & Power	29.32		
Water Rent	7.40	205.82	
			$23,998.37

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Operation of Purchase and Stores Account

	Expenditures to Dec. 31, 1941	
Salary	$ 19,271.44	
Supplies	85.89	
State Purchase Fund Overhead	4,342.45	
Freight & Express	407.02	
Rent - Building & Grounds	632.07	
Insurance	1,694.79	
Department Auto & Truck Use	39.80	
		$26,473.46

Distribution to Using Divisions

	Expenditures to Dec. 31, 1941
Equipment	
Division:	
Survey & Plans	$ 64,510.25
Construction General	1,344.76
W. P. A. Construction	3,766.38
Roads "	38,836.86
Bridges "	10,213.05
Negotiation & Titles	9,640.19
Attorney General	4,221.44
Administration	13,317.92
Auditing & Accounting	12.20
Purchasing	70.88
Projects	23,874.56
Laboratory	10,432.88
Purchase & Stores	39.80
State-Wide Planning Survey	888.23
Maintenance	1,009,636.18
Electrical	13,233.37
Accounts Receivable	194.63
	$1,204,234.08
Building & Grounds	
Division:	
Survey & Plans	$ 6,236.95
Roads Construction	3,121.51
Negotiations & Titles	430.86
Administration	765.64
Laboratory	632.06
Purchase & Stores	632.07
Garage Overhead	7,472.07
Maintenance	1,831.55
" - Compensation & Medical	758.46
Electrical	2,117.20
	$ 23,998.37
Purchase & Stores Account	
Division:	
Operation of Autos	$ 2,101.11
" " Trucks	3,476.10
" " Equipment	3,776.87
Maintenance	13,137.57
Electrical	3,196.95
Survey & Plans	235.77
Laboratory	8.59
Administration	2.53
Garage Overhead	448.55
Bridge Construction	86.85
Roads "	.34
Auditing and Accounting	2.23
	$ 26,473.46

Analysis of W.P.A. State's Share Fund

as of December 31, 1941

	Total	Expenditures to Dec.31,1941	Balance of Commitments Dec. 31,1941	Balance Available Dec. 31,1941
Primary Projects contracted for See Schedule #29	$1,033,836.86	$ 553,372.45	$ 327,301.56	$ 153,162.85
Secondary Projects (Maint. Div.) See Schedules #30,#30A	692,407.87	461,047.04	231,360.83	0
Total -	$1,726,244.73	$1,014,419.49	$ 558,662.39	$ 153,162.85*

* Projects for Balance not Determined.

W. P. A. Construction - Primary Projects
State Highway System
Expenditures and Commitments
January 1st to December 31st, 1941

Proj. #	Rt.	Location	Description of Work	County	Balance of Sponsor's Commitments Jan.1,1941	Sponsor's Commitment 1 9 4 1 Projects	Adjustment of Commitments On	Adjustment of Commitments Off	Total	Sponsor's Expenditures to 12-31-41	Balance of Sponsor's Commitments as of 12-31-41	% Completion 12-31-41	Date of Commencement	Date of Completion
P-22&23	25	Sec.#32, Port St.,Newark to Neck Lane, Elizabeth	Grading	Ess.&Union	$ 81,645.80	$ 0	$25,000.00	$ 6,194.78	$ 100,451.02	$ 100,451.02	$ 0	100%	7-10-39	5-19-41
P- " "	25	Ditto	Material for fill	" "	14,478.66	0	0	10,482.24	3,996.42	3,996.42	0	100	-	-
P-26	4	Marmora-Beesley's Pt.	S.L.R. Conc.	Cape May	14,922.27	0	0	1,544.34	13,377.93	13,377.93	0	100	1-2-40	1-6-41
P-28	6	Union Ave. to Valley Rd.	Grading	Passaic	76,519.52	0	0	0	76,519.52	27,060.89	49,458.63	99	10-30-39	4-15-42*
P-28	6	" " " " "	Br. Const.	"	3,809.26	0	0	0	3,809.26	1,136.22	2,673.04	100	11-9-39	12-26-40
P-29	4	Cheesequake-Browntown	Grading	Mid'sex	19,569.19	0	0	13,204.75	6,364.44	6,364.44	0	100	11-28-39	11-19-40
P-30	25	Deans to Cranbury	"	"	29,582.05	0	0	4,453.61	25,128.44	25,128.44	0	100	11-14-39	4-15-41
P-31	28	Lebanon Relocation	"	"	32,752.22	0	0	0	32,752.22	2,550.24	30,201.98	100	10-30-39	2-28-41
P-32&33	39	Bordentown to White Horse	Grade&Dr.	Burl'ton & Mercer	11,039.97	0	0	2,731.27	8,308.70	8,308.70	0	100	11-10-39	11-18-40
P-34&35	25	Bordentown to Robbinsville	Ditto	Ditto	13,715.49	0	0	6,617.94	7,097.55	7,097.55	0	100	2-5-40	12-15-40
P-36	51	Bridgeport to Swedesboro-Woodbury Road	Grading	Gloucester	7,376.97	0	0	3,894.88	3,482.09	3,482.09	0	100	9-1-39	5-14-40
P-37	28	No. Branch to Somerville	Grade-Drainage	Somerset	74,827.50	0	0	33,505.18	41,322.32	28,444.32	12,878.00	100	3-26-40	7-15-41
P-38-39	54B	Sec. 1 & 2 - Materials only	Stone Walls	Bergen & Passaic	11,906.61	0	0	10,349.51	1,557.10	1,557.10	0	100	-	-
P-44	25	Sec. 8-E, East Grand St. to Elizabeth Traffic Circle Shoulder Paving	Rein.C.	Union	18,713.70	0	0	35.92	18,677.78	18,677.78	0	100	7-9-40	6-3-41
P-45	35	Sec. 12B & 13B Smith St. to Green St., Shoulder Paving	" "	Mid'sex	11,683.68	0	2,100.00	9.87	13,773.81	13,773.81	0	100	2-20-40	5-6-41
P-52	1	Danforth Ave. to Hudson Co. Boulevard	P. Mac.	Hudson	50,084.52	0	0	2,283.57	47,800.95	47,800.95	0	100	9-25-40	7-23-41
P-53	29	So. Main St., Lambertville	Rein.Conc.	Hunterdon	141,070.55	0	0	128,932.70**	12,137.85	12,137.85	0	100	12-17-40	11-8-41
P-53	29	" " " "	Bridge	"	7,700.00	0	0	6,090.17**	1,609.83	1,609.83	0	100	12-16-40	9-18-41
P-54	25	Drainage & Shoulder Paving through Dayton	Bit.Conc.	Mid'sex	26,366.97	0	0	2,798.58	23,568.39	23,568.39	0	100	12-10-40	11-13-41
P-55	S-3	Sec. 3, Rt. 6 at Valley Rd. to Passaic Ave.	Grading	Passaic	0	219,402.59	0	0	219,402.59	139,233.07	80,169.52	80	3-27-41	6-1-42*
P-57	25	Sec. 34, Embankment Widening	-	Essex	0	219,535.80	0	0	219,535.80	67,615.41	151,920.39	45	7-21-41	5-1-42*
		Reserve for Contingencies			100,000.00	0	0	100,000.00	0	0	0			
		TOTAL FOR PROJECTS			$747,764.93	$438,938.39	$27,100.00	$333,129.31	$ 880,674.01	$ 553,372.45	$327,301.56			

* Date of Completion Estimated on Number of Working Days specified in Contract.

** Balance of Project Transferred to State Highway System Fund see Road and Bridge Contracts Schedule #1A & 2A.

W. P. A. Betterment Projects
Expenditures and Commitments
Jan. 1,1941 to December 31,1941

Schedule #30

Proj.	Rt.	Location	Description	County	W.P.# 1014-	Balance of Sponsor's Commitments Dec.31,1940	Transfers From	Transfers To	Total Allocations Dec.31,1941	Sponsor's Expenditures Dec.31,1941	Balance of Sponsor's Commitments Dec.31,1941
B-11	45	Mullica Hill to Mantua	Grading & Widening Shoulders	Gloucester	8-2	$ 13,999.57	$ 9,696.92	$ 0	$ 4,302.65	$ 311.59	$ 3,991.06
B-26	49	Port Elizabeth to Delmont	Widening State Highway	Cumberland	6-4	15,490.00	15,490.00	0	0	0	0
B-38	39	Indian Mills to Oak Shade	" " "	Burlington	3-4	9,173.32	9,173.32	0	0	0	0
B-58	48	Penns Grove to Biddle Creek	Construction Storm Sewer	Salem	17-6	10.00	10.00	0	0	0	0
B-73	31	Chester to Bartley	Grading Shoulders	Morris	14-7	3,230.00	0	0	3,230.00	0	3,230.00
B-76	45	Woodstown to Oldmans Creek	Widen State Highway	Salem	17-9	9,770.00	9,770.00	0	0	0	0
B-81	31	Between Woods Tavern & Royce Valley	Grading,Topsoil,C.I.Pipe	Somerset	18-4	1,575.00	1,575.00	0	0	0	0
B-83	6	Great Meadows	Constr. Storm Drains	Warren	21-3	972.00	972.00	0	0	0	0
B-85	31	County Line to Chester Boro	" Cobble Gutter	Morris	14-12	3,200.00	0	0	3,200.00	0	3,200.00
B-89	30	L.V.R.R. and Pachers Island	Conc.Pavement & Guard Rail	Hunterdon	10-5	3,343.00	3,343.00	0	0	0	0
B-129	44	Deepwater	Const. Storm Drainage	Salem	17-12	141.41	141.41	0	0	0	0
B-132	43	Haddon Heights	Storm Drain Construction	Camden	4-59	1,736.18	0	4,776.78	6,512.96	6,512.96	0
B-135	4	Battle Monument at Chestnut Neck	Drainage & Landscape	Atlantic	1-29	279.37	0	465.12	744.49	744.49	0
B-136	40	Sec. 6, Pemberton Twp.	Landscaping Right of Way	Burlington	3-37	280.49	0	202.69	483.18	483.18	0
B-138	49	Sec. 5, Millville	Gravel Sidewalk & Drainage	Cumberland	6-18	1,009.39	1,009.39	0	0	0	0
B-139	45	Borough of Lavalette	Storm Drain Construction	Ocean	15-12	1,391.95	882.77	0	509.18	509.18	0
B-141	4N	" " Ocean Port	Const. Storm Sewer	Monmouth	13-53	1,636.47	1,636.47	0	0	0	0
B-143	47	Franklinville	" " "& Sidewalk	Gloucester	8-30	589.31	0	16,870.55	17,459.86	17,033.67	426.19
B-147	50	Corbin City-Estelle Manor	Drainage,Topsoil & Seeding	Atlantic	1-35	22.20	0	3.27	25.47	0	25.47
B-151	48	Sec. 19, Pittsgrove	" " " "	Salem	17-14	161.64	0	$,993.43	6,155.07	1,457.31	4,697.76
B-152	4N,36	Eatontown-Union Beach	Const. Drainage	Monm.	13-56	210.76	210.76	0	0	0	0
B-158	45	Camden Connecting Road	Drainage	Camden	4-75	2,369.96	2,369.96	0	0	0	0
B-159	48	Dutch Row Road,Pittsgrove Twp.	Drain, Pavement, Curb	Salem	17-15	32.18	32.18	0	0	0	0
B-161	45	W. Deptford & Mantua Twp.	Drain, Curb & Gravel Surface	Gloucester	8-34	45.10	0	18.20	63.30	63.30	0
B-162	S40	Sec. 1, Stafford Twp.	Borrow, Excavation & Guard R.	Ocean	15-13	9,727.52	0	0	9,727.52	6,358.40	3,369.12
B-163	25	Potts Mill Rd., Florence Twp.	Drain, Curb & Headwall	Burlington	3-53	257.32	257.32	0	0	0	0
B-164	27	Sec. 6, at Lawrenceville Country Club	" " " "	Mercer	11-34	88.60	88.60	0	0	0	0
B-165	45	Rt. 48 to Woodstown Boro Line	" ,Curb,Pavement,Shoulders	Salem	17-16	135.69	85.65	0	50.04	50.04	0
B-167	39	Oakshade to Pemberton Road	" ,Seed,Guard Rail	Burlington	3-54	40,656.03	0	5,214.40	45,870.43	13,455.65	32,414.78
B-168	48	Sec. 20, Pole Tavern Circle West	Drain, Topsoil & Seed	Salem	17-18	5,872.75	0	0	5,872.75	2,230.26	3,642.49
B-169	47	Boro of Glassboro	" Pavement,Topsoil,Seed	Gloucester	8-35	773.01	773.01	0	0	0	0
B-171	27	" " Roselle-Elizabeth	Safety Island,Curb,Sidewalk	Union	20-27	7,195.04	7,106.48	0	88.56	88.56	0
B-172	35	Keansburg Rd. Sta., Holmdel Township	Storm Sewer, Topsoil & Seed	Monmouth	13-73	252.06	252.06	0	0	0	0
B-173	48	Tilton Rd. to McKee City	Safety Island,Curb,Pavement	Atlantic	1-41	12,272.62	0	0	12,272.62	8,556.91	3,715.71
B-174	43	Sec. 12, Mullica Twp.	Storm Drain, Topsoil & Seed	"	1-42	172.52	0	187.03	359.55	359.55	0
B-175	48	Between Pleasantville & Atlantic City	Widening, Constr. Pavement	"	1-43	571.86	497.48	0	74.38	74.38	0
B-177	23	Smith Mills to Stockholm	" , State Highway	Passaic	16-46	0	0	13,294.81	13,294.81	13,292.09	2.72
B-178	4	E. Approach to Passaic Riv. Br.	Const. Safety Island Pavt. & Shoulders	Bergen	2-68	378.80	359.60	0	19.20	19.20	0
B-179	43	Galloway Township	Storm Drains,Curb,Pavt., Seeding	Atlantic	1-44	192.26	43.76	0	148.50	148.50	0
B-180	45	South Harrison Township	Drainage Improvements	Gloucester	8-40	23.71	23.71	0	0	0	0
B-181	44,48	Carneys Pt. & Penns Grove	" & Traffic Island	Salem	17-21	4,676.57	1,259.31	0	3,417.26	3,417.26	0
B-182	49&S-49	County Line to Rio Grande	" Shoulders & Slope Protection	Cape May	5-26	41,456.00	41,456.00	0	0	0	0
B-183	4N,35	Boro of Belmar-Wall Twp.	" Curb, Sidewalk & Shoulders	Monmouth	13-76	0	0	11.61	11.61	11.61	0
B-184	1	Palisades Ave. to N.Y.State Line	Landsc.,Clearing,Rock Excav.	Bergen	2-71	33,896.79	0	34,000.00	67,896.79	54,293.43	13,603.36

Schedule #30-A

W. P. A. Betterment Projects
Expenditures and Commitments
Jan. 1,1941 to December 31,1941

Proj.	Rt.	Location	Description	County	W.P. # 1014-	Balance of Sponsor's Commitments Dec.31,1940	Transfers From	Transfers To	Total Allocations Dec.31,1941	Sponsor's Expenditures Dec. 31,1941	Balance of Sponsor's Commitments Dec.31, 1941
B-185	49	Bridgeton & Hopewell Twps.	Storm Drainage	Cumberland	6-29	$ 711.00	$ 448.45	$ 0	$ 262.55	$ 262.55	$ 0
B-186	44	Gibbstown- Greenwich Twp.	" "	Gloucester	8-42	39.82	37.02	0	2.80	2.80	0
B-187	43	Sec. 11A, Winslow Twp.	Const., Drain & Curbs	Camden	4-98	1,550.25	1,485.35	0	64.90	64.90	0
B-188	S1	Sec. 1, Fort Lee	" Rubble Masonry, Guard R.	Bergen	2-84	13,422.41	0	0	13,422.41	3,738.98	9,683.43
B-189	4	" 30, Englewood Twp.	Storm Drainage	Ocean	15-18	8.80	8.80	0	0	0	0
B-190	4	Oceanview	Drainage, Topsoiling,Seeding	Cape May	5-30	16.40	12.20	0	4.20	4.20	0
B-191	S-41	Palmyra-Cinnaminson Twp.	Construct Storm Drain & Curb	Burlington	3-70	1,642.92	1,062.18	0	580.74	580.74	0
B-192	48	Sec. 25 to Tilton Rd. to New Road	Const. Drain,Pavement,Topsoil	Atlantic	1-54	7,474.11	0	2,267.11	9,741.22	9,467.65	273.57
B-194	33	Millstone Twp.	Const. " & Shoulder	Monmouth	13-82	158.76	0	68.14	226.90	226.90	0
B-195	27	Sec. 3, City of N.Brunswick	Drainage Improvements	Middlesex	12-44	6,828.77	0	7,342.72	14,171.49	14,171.49	0
B-196	30	Sec. 1, E. Amwell Twp.	" "	Hunterdon	10-21	1,817.00	0	3,000.00	4,817.00	4,173.78	643.22
B-197	40	Sec. 5, Red Lion Circ. to Buddtown	Landscaping & Drainage	Burlington	3-72	115,888.00	0	0	115,888.00	109,043.26	6,844.74
B-198	43	Egg Harbor	Drain, Pavement, Sidewalk	Atlantic	1-56	5,286.61	0	7,317.07	12,603.68	12,384.38	219.30
B-199	43	Elwood	" Gravel Pavt.,Topsoil	"	1-57	3,156.33	0	3,820.49	6,976.82	6,161.92	814.90
B-200	47	Landis Twp.-Butler Ave.	Drainage	Cumberland	6-31	903.83	889.88	0	13.95	13.95	0
B-201	45	Salem City	" Improvements	Salem	17-21	8,924.00	0	0	8,924.00	0	8,924.00
B-203	25	Robbinsville to Hightstown	Curb & Topsoil	Mercer	11-44	28,270.03	28,270.03	0	0	0	0
B-204	47 & 48	(1927) Sec. 7 and 16 Franklin Twp.	Drainage Improvements	Gloucester	8-46	19,390.00	0	0	19,390.00	0	19,390.00
B-205	31	Sec. 11, Andover	Road, Culvert & Drainage	Sussex	19-8	39,462.00	0	0	39,462.00	1,554.45	37,907.55
B-207	27	Stockton St., Princeton	Drainage	Mercer	11-46	0	0	6,230.00	6,230.00	2,635.26	3,594.74
P-40	54	Hammonton-Landsville Rd.	Topsoiling and Seeding, Excavation, Storm Drain	Atlantic	1-50	168,634.56	0	0	168,634.56	137,424.15	31,210.41
		Fernwood Garage	Electrical Bldg.	Mercer	-	392.53	0	0	392.53	178.10	214.43
N.Y.A.		Hightstown	Construct Garage	"		2,510.15	0	0	2,510.15	0	2,510.15
N.Y.A.	29	Lambertville	Demolish Bldg.	Hunterdon		2,080.34	0	0	2,080.34	0	2,080.34
N.Y.A.	25	Woodbridge	Const. Fence & Garage	Middlesex		1,846.60	0	944.51	2,791.11	2,791.11	0
N.Y.A.		Fernwood Garage	" Grease Building	Mercer		547.49	0	2,509.36	3,056.85	2,970.80	86.05
N.Y.A.		" "	" Photographic Bldg.	"		3,426.88	0	0	3,426.88	448.34	2,978.54
N.Y.A.	29 & 25	Newark "	Waterproof Garage and Office Bldg.	Essex		592.02	0	0	592.02	0	592.02
N.Y.A.	29 & 25	" "	Construction Oil House	"		1,182.13	0	0	1,182.13	564.93	617.20
N.Y.A.		Fernwood "	Const. Maint. Storage Bldg.	Mercer		0	0	2,556.89	2,556.89	2,556.89	0
P-26	4	Marmora to Beesley's Point	Seeding	Cape May	5-23	0	0	32.00	32.00	32.00	0
B-208	48	Landisville	Drainage, Improvements	Atlantic	1-67	0	0	18,052.00	18,052.00	6,722.59	11,329.41
		Undistributed				0	0	13,529.84	13,529.84	13,399.40	130.44
		Reserve				26,975.68	7,977.95	0	18,997.73	0	18,997.73
		Totals -				$692,407.87	$148,708.02	$148,708.02	$692,407.87	$461,047.04	$231,360.83

Federal Works Program Grade Crossing Fund
Grade Crossing Projects Contracted for
Projects Previous to 1941

Rt.	Sec.	Local Name	County	Proj.#	Contract Bal. Owing 1-1-41	Contingencies 1-1-41	Total	Adjustment Contingencies On	Adjustment Contingencies Off	Total	Expenditures to 12-31-41	Balance of Commitments 12-31-41	% of Completion 12-31-41	Date of Commencement	Date of Completion
Co.	Rd.	Deans Rd. at P.R.R. Grade Crossing Elimination	Middlesex	WPGS 143	$ 0	$11,139.66	$ 11,139.66	$ 0	$ 0	$11,139.66	$ 0	$11,139.66	100%	9-21-37	8-30-38
		Force Account Work:													
Co.	Rd.	Penna. R. R. Co.	"	" "	2,761.53	0	2,761.53	0	0	2,761.53	0	2,761.53	100	-	-
		State Highway Department	"	" "	800.00	0	800.00	0	0	800.00	0	800.00	100	-	-
State Hwy.	-	State Highway Planning Project	-	-	0	0	0	0	.39 Cr.	.39 Cr.	.39 Cr.	0		-	-
		TOTAL PROJECTS PREVIOUS TO 1941	-		$ 3,561.53	$11,139.66	$ 14,701.19	$ 0	$ .39 Cr.	14,700.80	$ .39 Cr.	14,701.19			

Projects Contracted for - 1 9 4 1

		Additional Railroad Cost of Const. Allowed by the Government													
Co.	Rd.	Franklin Ave., Pennington Grade Crossing Elimination	Mercer	WPGS 138	$ 2,492.81	$ 0	$ 2,492.81	$ 0	$ 0	$ 2,492.81	$ 2,492.81	$ 0	100%	10-15-36	12-15-37
TOTAL	-				$ 6,054.34	$11,139.66	$ 17,194.00	$ 0	$ 0.39 Cr.	17,193.61	$ 2,492.42	$14,701.19			

Analysis of Works Program Grade Crossing Elimination Projects as to Class of Projects
- As of December 31, 1941 -

Fund	Total	Expenditure	Balance of Commitments
State Highway	$ 0	$ 0	$ 0
County	17,193.61	2,492.42	14,701.19
Town, Borough or City	0	0	0
	$ 17,193.61	$ 2,492.42	$ 14,701.19
Unobligated Balance -			$ 22,436.88

100% Federal Aid Program for Elimination of Hazards at Railroad Grade Crossings

- Projects Contracted for Previous to 1941 -

F.A. Proj.#	Local Name	County	Contract Amount	Contingencies	Total	Adjustment of Contingencies On	Adjustment of Contingencies Off	Expenditures to Dec.31,1941	Balance of Commitments Dec.31,1941	% Completion 12-31-41	Date of Commencement	Date of Completion
FAGM 1	Old Hook Road, Closter N.Y.C.R.R.	Bergen	$ 1,627.96	$ 0	$ 1,627.96	$ 0	$ 1,627.96	$ 0	$ 0	100%	11-21-38	1-12-39
" 2	Durie Ave., Closter & Hayworth N.Y.C. R.R.	"	2,928.00	0	2,928.00	0	74.83	2,853.17	0	100	11-20-38	9-26-39
FAGS 3	Preakness Ave., Mountain View	Passaic	0	10,226.01	10,226.01	0	10,226.01	0	0	100	5-1-39	12-5-39
" 3	" " " " Appro.	"	0	438.14	438.14	0	438.14	0	0	100	5-1-39	12-4-39
" 3	" " " " D.L.&W. Force Acct.	"	110.90	0	110.90	4,090.25	0	4,201.15	0	100	-	-
FAGM 4	High St.,Summit-D.L.&W.R.R. Br.	Union	0	2,782.52	2,782.52	0	2,782.52	0	0	100	5-11-38	11-5-38
" 4	" " " " Br. Appro.	"	0	1,889.91	1,889.91	0	1,889.91	0	0	100	5-9-38	5-12-39
" 4	" " " " Force a/c	"	152.04	0	152.04	1,539.98	0	1,692.02	0	100	-	-
" 8	Roosevelt Ave.,Carteret, C.R.R.	Mid'sex	397.24	5,105.75	5,502.99	0	0	397.24	5,105.75	100	12-4-39	9-25-40
" 8	" " " C.R.R. Overpass	"	614.06	6,665.72	7,279.78	0	6,665.72	614.06	0	100	12-4-39	8-8-40
" 8	" " " Tuscarora Oil Co., Force a/c	"	1,013.00	0	1,013.00	0	0	0	1,013.00	100	-	-
" 8	" Ave., Carteret Western Union Force a/c	Union	378.12	0	378.12	0	0	0	378.12	100	-	-
" 8	" Ave., Carteret, C.R.R. of N.J., Force a/c	Mid'sex	7,555.39	315.93	7,871.32	0	0	0	7,871.32	100	-	-
FAGS 9	Penn-Reading S'shore Lines, Tilton Road Road	Atlantic	1,428.81	2,948.78	4,377.59	0	2,948.78	1,428.81	0	100	3-11-40	10-10-40
" 9	" " Seashore Lines, " Road Bridge	"	846.37	7,724.42	8,570.79	0	0	485.13	8,085.66	100	1-29-40	10-8-40
" 9	" " Seashore Lines, " Road, Force a/c	"	6,132.29	0	6,132.29	0	0	0	6,132.29	-	-	-
" 10	L.V.R.R. at Grandin, Bridge items	Hunt'n	0	5,700.40	5,700.40	0	0	0	5,700.40	100	7-26-39	12-4-39
" 10	" " " " " " Highway & Drainage items, Road Items	"	0	11,205.95	11,205.95	0	11,205.95	0	0	100	7-26-39	5-20-40
" 10	" " " " at Grandin, L.V.R.R. Force a/c	"	662.76	0	662.76	0	0	0	662.76	100	-	-
" 10	" " " " Preliminary Engineering	"	4,900.00	0	4,900.00	0	0	0	4,900.00	100	-	-
" 11	Penn-Reading S'shore Lines at Bridgeport Bridge Items	Glouces.	0	3,546.26	3,546.26	0	3,546.26	0	0	100	9-1-39	4-25-40
" 11	Penn-Reading S'shore Lines at Bridgeport, Appro. Road Items	"	0	10,626.33	10,626.33	0	10,626.33	0	0	100	9-1-39	5-14-40
" 11	Ditto above	"	328.94**	0	328.94**	0	647.30	976.24**	0	100	-	-
" 11	" " Preliminary Engr.	"	850.00	0	850.00	585.87	0	1,435.87	0	100	-	-
" 12	Penna. Br. at Princeton Jct., Approach Road items	Mercer	0	8,236.40	8,236.40	0	8,236.40	0	0	100	4-11-39	4-3-40
" 12	" " at Princeton Jct., Bridge items	"	0	7,745.35	7,745.35	0	7,745.35	0	0	100	4-20-39	2-7-40
" 12	Ditto above P.R.R. Force a/c	"	3,867.42	0	3,867.42	648.99	0	4,516.41	0		-	-
FAGM 24A	Penn-Reading Seashore Lines, West Berlin, Road Item	Camden	22,047.23	2,202.77	24,250.00	0	0	22,260.71	1,989.29	100	11-4-40	7-9-41
" 24A	Ditto above Bridge Item	"	26,057.54	3,260.71	29,318.25	0	0	26,051.08	3,267.17	100	11-4-40	5-19-41
" 24A	" " Force a/c	"	6,895.86	0	6,895.86	0	0	3,790.45	3,105.41		-	-
" 26A	" " Signal Flashers at Boro of Berlin	"	5,930.00	0	5,930.00	0	2,463.40	3,466.60	0	100	8-29-40	11-18-40
" 6B&26A	Penna.-Reading S'shore Lines Haddon Ave. & Keys Milford Rd. (Road Items)	Camden	71,987.14	7,190.11	79,177.25	0	0	64,357.10	14,820.15	100	2-5-41	12-2-41
" "	Ditto (Bridge ")	"	163,584.10	16,352.54	179,936.64	0	0	146,952.27	32,984.37	100	2-5-41	12-2-41
" "	" Force a/c	"	4,183.61	0	4,183.61	0	0	0	4,183.61		-	-
" "	" Preliminary Engineering	"	8,622.50	0	8,622.50	0	0	8,834.81	212.31**		-	-

100% Federal Aid Program for Elimination of Hazards at Railroad Grade Crossings

- Projects Contracted for Previous to 1941 -

F.A. Proj.#	Local Name	County	Contract Amount	Contingencies	Total	Adjustment of Contingencies On	Adjustment of Contingencies Off	Expenditures to Dec.31,1941	Balance of Commitments Dec.31,1941	% Completion 12-31-41	Date Commencement	Date of Completion
FAGS 35	Lehigh & Hudson R. R. Co., Flashers at Prices Rd.	Sussex	$ 2,000.00	$ 0	$ 2,000.00	$ 0	$ 0	$ 0	$ 2,000.00	100%	10-22-40	12-24-40
" 36	Ditto Flashers at Mulfords Rd.	"	2,000.00	0	2,000.00	0	0	0	2,000.00	100	10-26-40	12-24-40
" 37	" " " Tranquility Rd.	Warren	2,000.00	0	2,000.00	0	0	0	2,000.00	100	11-2-40	12-24-40
FAGH 82A	Lehigh & New England R. R. on Rt. #23, Sec. 8B at Sussex, Rd.Items	Sussex	87,456.51	11,487.47	98,943.98	0	0	80,653.38	18,290.60	100	7-17-40	10-20-41
" "	Ditto Bridge "	"	27,067.23	12,004.14	39,071.37	0	14,683.89	24,387.48	0	100	7-17-40	9-4-41
" "	" Force a/c	"	589.66	0	589.66	0	0	97.01	492.65		-	-
" 96B	Penn-Reading R.R. at Rt. 49,Sec.16, at So. Dennis-Bridge Items	Cape May	9,712.11	6,399.99	16,112.10	0	6,871.72	9,240.38	0	100	7-25-40	1-15-41
" "	Ditto Road Item	" "	52,175.48	16,632.76	68,808.24	0	0	49,042.31	19,765.93	100	7-25-40	6-19-41
" "	" Force a/c	" "	2,803.16	0	2,803.16	0	0	977.52	1,825.64		-	-
FAGM 118C(2)	Rt. 1 Sec. 1B, D.L.&W.R.R. Jersey City - Bridge Items	Hudson	457.60	7,201.55	7,659.15	0	457.60	0	7,201.55	100	12-18-38	12-18-39
" "	Ditto - Bridge Approach	"	62.40	923.21	985.61	0	985.61	0	0	100	12-11-38	6-8-40
" "	" - Western Union	"	1,480.50	0	1,480.50	0	0	0	1,480.50		-	-
" "	" - Force a/c	"	19.17**	0	19.17*	0	0	0	19.17**		-	-
" "	" - Water Works	"	2,472.00	0	2,472.00	0	0	0	2,472.00		-	-
	Inspection and Engineering	-	0	0	0	23,134.13	0	23,134.13	0	100	-	-
	State Highway Planning Project	-	14,588.52	0	14,588.52	0	0	5,768.98	8,819.54	100	-	-
	TOTAL PROJECTS PREVIOUS TO 1941 -		$547,289.40	$168,813.12	$ 716,102.52	$29,999.22	$ 94,123.68	$485,661.83	$ 166,316.23			

* Projects Contracted for 1941 *

FAGS 27A	Central R.R. & West Ave., Sewaren - Road Items	Mid'sex	$ 63,165.07	$ 6,314.93	$ 69,480.00	$ 0	$ 0	$ 28,489.88	$ 40,990.12	51%	4-6-41	5-1-42*
" "	Ditto Bridge "	"	146,815.56	14,670.52	161,486.08	0	0	128,753.91	32,732.17	99	4-22-41	1-8-42*
" "	Western Union Tel. Co. at West Ave.,Sewaren, Force a/c	"	1,669.92	0	1,669.92	0	0	93.86	1,576.06		-	-
" "	Central R.R. of N.J. at Sewaren Force a/c	"	18,464.00	0	18,464.00	0	0	12,008.87	6,455.13		-	-
FAGM 30	D.L.&W. Gr. Cross. at Danforth, Road Item	Morris	22,399.23	2,230.77	24,630.00	0	0	23,647.19	982.81	99	5-1-41	4-15-42*
" "	Ditto Bridge "	"	47,595.43	4,752.57	52,348.00	0	0	37,056.20	15,291.80	100	4-14-41	12-4-41
" "	D.L.&W.R.R. Co. - Force a/c	"	2,654.00	0	2,654.00	0	0	681.52	1,972.48		-	-
" "	Western Union Tel. Co.-Force a/c	"	708.00	0	708.00	0	0	198.36	509.64		-	-
FAGM 31	D.L.&W. at Riverview Drive, Totowa Boro - Road Item	Passaic	43,384.83	4,335.17	47,720.00	0	0	13,777.69	33,942.31	30	8-14-41	7-1-42*
" "	Ditto - Bridge "	"	127,967.93	12,792.07	140,760.00	0	0	27,246.15	113,513.85	29	8-14-41	7-1-42*
" "	D.L.&W. R.R. Co.-Force a/c	"	2,654.00	0	2,654.00	0	0	0	2,654.00		-	-
" "	Western Union Tel. Co. Force a/c	"	708.00	0	708.00	0	0	0	708.00		-	-
FAGS 34	Park Ave., Pensauken Twp. Flasher Signal, P.R.R. Force a/c	Camden	6,974.66	0	6,974.66	0	0	0	6,974.66		-	-
FAGM 144	N.Y.S.&W.R.R. at Fairview, Road Item	Bergen	10,804.25	1,080.42	11,884.67	0	0	0	11,884.67	7	8-4-41	6-1-42*
" "	Ditto Bridge "	"	61,597.45	6,159.74	67,757.19	0	0	0	67,757.19	8	8-4-41	6-1-42*
" "	N.Y.S.&W.R.R. Force a/c	"	229.00	0	229.00	0	0	0	229.00		-	-
	State Wide Planning Projects		20,263.00	0	20,263.00	0	0	0	20,263.00		-	-
	TOTAL 1941 PROJECTS -		$ 578,054.33	$ 52,336.19	$ 630,390.52	$ 0	$ 0	$271,953.63	$ 358,436.89			
	TOTAL PROJECTS PREVIOUS TO 1941 -		547,289.40	168,813.12	716,102.52	29,999.22	94,123.68	485,661.83	166,316.23			
	T O T A L -		$1,125,343.73	$221,149.31	$1,346,493.04	$29,999.22	$ 94,123.68	$757,615.46	$ 524,753.12			

** RED figure.

* Date of completion estimated on number of Working days specified in the contract.

Balance of 1940-1941 Federal Aid Program
For Elimination of Hazards and Railroad Grade
Crossings as of Dec. 31, 1941

F.A. Project		Local Name	County	Amount
F.A.G.M.	25-A (1)	Height Ave., Berlin Borough Penn-Reading Seashore Lines	Camden	$ 3,981.48
"	28-A (1)	Howe Lane, Penna. Railroad	Middlesex	181,750.00
"	32 (1)	Penn-Reading Seashore Lines at Red Bank Ave., Woodbury	Gloucester	59,425.00
"	33 (1)	Penn-Reading Seashore Lines at Morgan St., City of Camden	Camden	250,270.53
F.A.G.S.	49-A (1)	Rt. 39 & Penna. R.R. at Mile Hollow	Burlington	69,250.00
"	66-A	Rt. 4, Erie R. R. at Fairlawn	Bergen	175,000.00
"	68-A	Lehigh Valley R.R. at Walnut Ave., Cranford Twp.	Union	85,000.00
				$824,677.01
		Balance Unobligated		38,908.15
TOTAL FEDERAL AID FUNDS ON PROGRAM, DEC. 31, 1941 -				$863,585.16

Schedule #34

Expenditures and Commitments
Secondary and Feeder Roads
Federal Aid (50%)
Projects Contracted for Previous to 1941

Proj.#	Name of Road	County	Type	Mileage	Contract Bal. Owing Jan. 1,1941	Contingencies Jan. 1,1941	Total	Adjustments On	Adjustments Off	Total	Expenditures to Dec. 31,1941	Balance Commitments Dec. 31,1941	% of Completion 12-31-41	Date of Commencement	Date of Completion
F.A.S. 7C(1)	Allamuchy-Hackettstown	Warren	Culvert	-	$ 252.99	$ 215.29	$ 468.28	$ 0	$ 0	$ 468.28	$ 230.90	$ 237.38	100%	4-25-40	5-3-40
" "	" "	"	Rein.C.	3.271	32,183.02	15,429.35	47,612.37	0	0	47,612.37	27,281.77	20,330.60	100	4-25-40	7-19-41
" 14B(1)	Stockton-Flemington	Hunt'n	Bit. "	2.39	45,860.12	4,902.61	50,762.73	0	0	50,762.73	15,491.32	35,271.41	100	10-21-40	9-23-41
" 15B	Tattletown Rd., Sec. 2	Salem	Gravel	.792	0	244.47	244.47	0	244.47	0	0	0	100	4-3-40	7-13-40
" 15	" " Bridge	"	Bridge	-	0	165.58	165.58	0	165.58	0	0	0	100	5-2-40	7-26-40
" 18A	Pittstown-Jutland Rd., Sec. 2	Hunt'n	Hot.Pen.	1.34	5,777.49	2,187.64	7,965.13	0	0	7,965.13	2,261.30	5,703.83	100	7-15-40	7-3-41
" 21A	Pennsville-Salem Sec. 3	Salem	Rein.C.	2.386	1,108.91	8,891.70	10,000.61	0	8,956.20	1,044.41	1,044.41	0	100	3-12-40	7-22-40
" 23A	Cuthbert Bridge	Camden	Bridge	-	5,424.30	6,115.01	11,539.31	0	0	11,539.31	5,367.69	6,171.62	100	1-15-40	7-2-40
" 23A	" " Approaches	"	Gravel	0.105	2,908.29	1,476.85**	1,431.44	0	0	1,431.44	3,879.75	2,448.31**	100	1-15-40	8-5-40
" 119B(1)	Cream Ridge-Hornerstown	Mon. & Ocean	8"Sur.tr. Gravel	2.862	5,818.35	7,186.46	13,004.81	0	7,186.46	5,818.35	5,818.35	0	100	4-13-39	7-30-40
" 119C(1)	Bridge Lahaway Creek	Monm.	Steel Beams	50 ft.	0	1,917.16	1,917.16	0	1,917.16	0	0	0	100	11-1-39	5-14-40
" 156B(1)	Monmouth Rd., Sec. 2	Mon. & Ocean	6"Grav.	4.703	571.65	1,842.65	2,414.30	0	1,963.26	451.04	451.04	0	100	9-7-39	7-27-40
" 156B(1)	Same (3 Conc.Bridges)	" "	-	-	184.71	2,054.84	2,239.55	0	2,054.84	184.71	184.71	0	100	9-8-39	12-28-39
" 156C(1)	Monmouth Rd., Sec. 3	" "	6" "	4.652	4,355.86	612.11**	3,743.75	0	0	3,743.75	4,113.06	369.31**	100	10-11-39	11-28-40
" 156C(1)	" (4 Timb.Brs.)	" "	-	-	4,203.65	3,205.00	7,408.65	0	0	7,408.65	3,410.19	3,998.46	100	1-4-40	4-11-40
	TOTAL PROJECTS PREVIOUS TO 1941				$ 108,649.34	$52,268.80	$160,918.14	$ 0	$22,487.97	$138,430.17	$ 69,534.49	$ 68,895.68			

Projects Contracted for 1941

Proj.#	Name of Road	County	Type	Mileage	Contract Bal. Owing Jan. 1,1941	Contingencies Jan. 1,1941	Total	Adjustments On	Adjustments Off	Total	Expenditures to Dec. 31,1941	Balance Commitments Dec. 31,1941	% of Completion 12-31-41	Date of Commencement	Date of Completion
F.A.S. 23A	Cuthbert Rd. Ext.	Camden	Rein.C.	1.524	$ 70,714.40	$ 7,071.44	$ 77,785.84	$ 0	$ 0	$ 77,785.84	$ 63,277.38	$ 14,508.46	100	6-25-24	12-1-41
" 40A	Old York Rd.	Burl'n	Gravel	5.760	36,413.60	3,636.40	40,050.00	0	0	40,050.00	19,702.12	20,347.88	87	6-22-41	5-1-42*
" 41A	Laurel Lake Bridge	Camden	Rein.C.	-	31,245.08	3,114.92	34,360.00	0	0	34,360.00	26,268.91	8,091.09	100	7-14-41	11-14-41
" 42A	Lambertville-Baptistown	Hunt'n	7"Pen.M.	3.19	81,116.43	8,103.57	89,220.00	0	0	89,220.00	64,206.25	25,013.75	100	7-1-41	12-31-41
" 43A	Brunsw. Pike Rd. Sec.1	"	7"C.	2.84	86,644.75	8,655.25	95,300.00	0	0	95,300.00	73,474.88	21,825.12	100	8-19-41	12-31-41
" 45A	Wiley Road	Salem	6"Earth	0.712	16,034.90	1,595.10	17,630.00	0	0	17,630.00	15,014.30	2,615.70	100	4-14-41	8-31-41
" 45A	Game Creek Bridge	"	Br.R.C.	-	23,630.20	2,359.80	25,990.00	0	0	25,990.00	23,187.80	2,802.20	100	4-21-41	8-31-41
" 47A	Raccoon " " Appro.	Glouc.	7"&8"RC	0.187	16,984.50	1,698.45	18,682.95	0	0	18,682.95	3,947.85	14,735.10	31	1-1-42	5-1-42*
" 47A	" " "	"	Bridge	-	50,266.00	5,026.60	55,292.60	0	0	55,292.60	28,476.86	26,815.74	89	7-30-41	4-1-42*
" 48A	Kingwood-Byram Rd.	Hunt'n	Mac.	1.767	41,326.95	2,066.34	43,393.29	0	0	43,393.29	0	43,393.29	0	3-1-42	8-15-42*
"50,51,52A	Bridge Approaches	Salem	Fill	-	12,938.56	1,293.80	14,232.36	0	0	14,232.36	0	14,232.36	100	8-12-41	10-31-41
" "	3 Bridges	"	Rein.C.	-	58,976.86	5,897.60	64,874.46	0	0	64,874.46	66,918.84	2,044.38**	100	5-26-41	10-31-41
" 52B	Church Bridge	"	" "	-	5,691.70	568.30	6,260.00	0	0	6,260.00	6,231.55	28.45	100	3-11-41	5-22-41
"55A,56,57,58,59A	Bridge Appros.	Burl'n	Fill	-	8,694.85	869.00	9,563.85	0	0	9,563.85	0	9,563.85	80	8-15-41	4-1-42*
Ditto	Const. of 5 Bridges	"	R.C.	-	62,914.94	6,291.00	69,205.94	0	0	69,205.94	39,890.97	29,314.97	80	6-30-41	4-1-42*
F.A.S. 60A	Plan.Studies at Ft Monmouth	Monm.	Survey	-	4,000.00	0	4,000.00	0	0	4,000.00	0	4,000.00	-	-	-
" 61A	" " " Ft Dix	Burl'n	"	-	13,205.00	0	13,205.00	0	0	13,205.00	0	13,205.00			
" 62A	" " " Ft Hancock	Monm.	"	-	1,605.34	0	1,605.34	0	0	1,605.34	0	1,605.34	-	-	-
" 63A	Ditto Ft Dix Barracks Area	Burl'n	"	-	798.91	0	798.91	0	0	798.91	0	798.91	-	-	-
" 64A	" at Cape May	Cape May	"	-	5,000.00	0	5,000.00	0	0	5,000.00	0	5,000.00	-	-	-
" 65A	" " " "	" "	"	-	5,000.00	0	5,000.00	0	0	5,000.00	0	5,000.00	-	-	-
" 67A	Rt 6 Denville-Picatinny Arsenal	Morris		6.75	20,000.00	0	20,000.00	0	0	20,000.00	0	20,000.00			
	TOTAL FOR 1941 PROJECTS				$ 653,202.97	$58,247.57	$711,450.54	$ 0	$ 0	$711,450.54	$ 430,597.71	$ 280,852.83			
	INSPECTION AND ENGINEERING CHARGES PAID BY THE GOVERNMENT									9,237.03	9,237.03	0			
	TOTAL PROJECTS				$ 761,852.31	110,516.37	$872,368.68	$ 0	$22,487.97	$859,117.74	$ 509,369.23	$ 349,748.51			

** RED figure. * Date of completion estimated on Number of working days specified in the Contract.

Secondary and Feeder Roads Fund
Balance of Construction Program
Not Under Contract
As of Dec. 31, 1 9 4 1

Project #	Name of Road	County	Total
F.A.S. #71A	Advance Planning Studies on Access Roads to Bayonne Naval Dry Dock and Supply Base	Hudson Co.	$ 5,000.00
	Balance of Projects Not Determined		124,847.76
			$129,847.76

State of of New Jersey
Statement of Assets and Liabilities
As of Dec. 31, 1941

Federal Works Program Funds

Federal Works Program W. P. A. Highway Funds

ASSETS		LIABILITIES	
Cash	$ 0	Balance of Federal Aid Projects Not Contracted for	$ 9,353.12
Federal Aid	9,353.12		
	$ 9,353.12		$ 9,353.12

Federal Works Program W. P. G. Grade Crossing Fund

ASSETS		LIABILITIES	
Cash	$ 29,497.36*	Bridge Contracts	$ 3,561.53
Federal Aid	66,635.43	" Contingencies	11,139.66
		Balance of Federal Aid Projects Not Contracted for	22,436.88
	$ 37,138.07		$ 37,138.07

Federal Works Program - Elimination of Hazards and Railroad Grade Crossings

ASSETS		LIABILITIES	
Cash	$ 46,252.98*	Road Contracts	$ 144,874.87
Federal Aid	1,434,591.26	Bridge "	350,795.71
		State Planning Project	29,082.54
		Balance of Federal Aid Projects Not Contracted for	863,585.16
	$1,388,338.28		$1,388,338.28

Federal Works Program - Secondary & Feeder Roads

ASSETS		LIABILITIES	
Cash	$ 56,791.81	Road Contracts	$ 247,821.87
Federal Aid	422,804.46(A)	Bridge "	101,926.64
		Balance of Federal Aid Projects Not Contracted for	129,847.76
	$ 479,596.27		$ 479,596.27

(A) 1941 Federal Aid Allotment of $223,025.00 included with State Highway Department Funds.

* Deficit Awaiting Reimbursement from U. S. Government.

RECAPITULATION
OF
ACCOUNTS RECEIVABLE
DECEMBER 31, 1941

Schedule	"A"	State Departments	$ 9,893.30
Schedule	"B"	Counties & Municipalities	2,541.69
Schedule	"C"	Public Utilities	397,814.64
Schedule	"D"	Outside Parties	82,425.90
			$ 492,675.53

Note Not included in Statement of Assets and Liabilities by ruling of the Attorney General.

ACCOUNTS RECEIVABLE

AS OF

DECEMBER 31, 1941

STATE DEPARTMENTS

NAME	BILLED	DIVN.	DESCRIPTION	AMOUNT
Attorney General's Office	3/31/36	Eq.	Repairs to Dept. Car	$ 142.20
Civil Service Commission	6/12/33	"	Rental of trucks	47.38
Commerce & Navigation, Dept of	9/15/38	Elect.	Repairs to bridge	188.88
Governor's Office	10/31/41	Eq.	Repairs to Cadillac	884.76
Institutions & Agencies, Dept.	6/30/39	"	Rental of trucks & material	94.58
N. J. State Finance Dept.	11/25/35	"	Repairs to car	370.56
N. J. Sanit. at Glen Gardner	9/16/40	"	Sale of tools	6.09
N. J. State Dept. of Labor	6/30/34	"	Rental of truck	45.00
N. J. State Motor Vehicle Dept	7/11/29	"	Rental and repairs to cars	131.05
N. J. State National Guards	9/15/32	"	Gas, Oil & Labor	478.97
N. J. State Palnning Board	3/15/38	"	Rental of trucks	48.75
N. J. State Police	8/31/34	"	Sale of gromets	3.05
N. J. State Purchasing Dept.	10/15/36	Lab.	Testing	7.11
N. J. State Purchasing Dept.	12/21/37	Eq.	Repairs to car & truck rent	107.08
N. J. Quartermaster General	2/28/35	"	Rental of garage repairs car	1,302.13
N. J. Rehabilation Comm.	2/15/35	"	Rental of trucks	12.75
N. J. State Village Skillman	4/30/40	"	Sale of tools	117.94
N. J. State Tax Dept.	4/15/35	"	Rental of truck	8.00
N. J. Unemployment Relief	1/15/34	"	Picks, shovels ect.	484.90
Rutgers College Trustees	6/30/37	Const.	Extra width Rt. # s 28	2,519.75
Secretary of Defence	11/24/41	Eq.	Supplies for Buick car	110.94
Secretary of State	9/16/35	"	Rental of Car & Truck	533.70
State House Commission	8/24/36	"	Rental of Trucks	2,247.73
				$ 9,893.30

ACCOUNTS RECEIVABLE

AS OF

DECEMBER 31, 1941

COUNTIES & MUNICIPALITIES

NAME	BILLED	DIVN.	DESCRIPTION	AMOUNT
Bergen, County of	11/30/41	Lab.	Testing	$ 15.00
Camden, City of	8/30/40	"	Testing	50.00
Camden, County of	6/16/41	"	Testing	90.00
Essex, County of	10/31/41	"	Testing	354.96
Moorestown, Township of	6/24/40	"	Testing	81.00
New Brunswick, City of	7/31/41	"	Testing	35.00
*Newton, Board of Education	8/24/36	"	Testing	58.28
Rahway, City of	7/31/41	Elect.	Installation traffic signals	738.14
*Sussex, County of	5/29/22	Eq.	Federal truck parts	1,080.86
*Sussex, County of	8/15/27	Lab.	Testing	38.45
				$ 2,541.69

Note * Referred to Attorney General for Collection.

ACCOUNTS RECEIVABLE

AS OF

DECEMBER 31, 1941

PUBLIC UTILITIES

NAME	BILLED	DIVN.	DESCRIPTION	AMOUNT
*Atlantic City R. R. Co.	11/30/33	Br. Const.	Rt. # 47 Grade X	$ 127.60
D. L. & W. R. R. Co.	10/31/41	R of W.	Rental of Land	875.00
**N. J. & N. Y. R. R. Co.	12/31/33	Br. Const.	Rt. # 6 Sec. # 1F	40,061.31
**N. J. & N. Y. R. R. Co.	12/31/31	Br. Const.	Rt. # 4 Sec. # 4	51,711.89
xPeoples Gas Company	10/22/29	Mtn.	Repairs to drain	84.90
**Public Service Corp.	8/15/35	"	Damage to bridge	37.50
**Public Service Railway	5/27/26	Const.	Hackensack River Br.	304,916.44
				$ 397,814.64

Note * Referred to E. T. Osborn Engr. of Grade Crossings.

** Referred to Attorney General for collection.

x Referred to F. D. Woodruff Maintenance Division.

ACCOUNTS RECEIVABLE

AS OF

DECEMBER 31, 1941.

OUTSIDE PARTIES

NAME	BILLED	DIVN.	DESCRIPTION	AMOUNT
*Aaroe, Alice	3/15/40	Eq.	Damage to snow plow	$ 44.46
Ace Transportation Co.	12/15/41	Mtn.	Damage to concrete	86.66
*Acme Cooperage Co.	1/16/40	"	Sale of empty drums & bbls.	587.00
*Adams, Raymond	12/21/37	"	Damage to bridge	38.34
*Adams, Ralph P.	5/29/37	"	Damage to guard rail	11.65
*Agabati Brothers	11/23/38	Elect.	Repairs to traffic light	131.13
*Ahearn, Margaret	8/30/40	Mtn.	Damage to lighthouse	175.65
*Alpha Portland Cement Co.	10/24/38	Lab.	Testing	38.00
Alvarez, Celestino	10/31/41	Mtn.	Damage to sign	23.64
*Amlicke, E. S.	10/13/31	"	Damage to bridge	28.94
*Anderson, Arthur	7/31/41	Elect.	Damage to electric sign	116.96
*Anderson, John	11/24/39	Mtn.	Damage to gate	180.85
*Anderson, K. A.	12/31/35	Lab.	Inspectors equipment	5.25
*Anderson, Simon	5/31/40	Mtn.	Damage to sign	142.17
*Andries, Gus	12/31/35	"	Damage to bridge	121.23
*Anna, Carmello D.	5/29/37	"	Damage to sign	191.34
Apple & Greenlaw	9/31/41	"	Damage to sign	17.36
*Applegate, Bart H.	8/15/35	"	Damage to bridge	79.72
*Arfert, Charles	11/15/37	Elect.	Damage to lighting	117.64
*Ariano Grove Corp.	9/30/40	"	Damage to electric signs	58.13
*Ashley, Arthur	3/31/41	Mtn.	Damage to sign	56.68
*Atlantic Refining Co.	3/31/36	Lab.	Testing	105.00
*Axelrod, Jacob J.	7/22/40	Elect.	Damage to electric sign	125.08
*Barber Asphalt Company	3/31/36	Lab.	Testing	195.00
*Barnes, Eleck	12/15/33	Eq.	Damage to truck	31.65
*Barnwell Brothers	9/15/38	Mtn.	Injuries to employee	377.00
*Barone, Patrick	10/23/39	"	Injuries to employee	457.15
*Barrett Company	3/31/36	Lab.	Testing	15.00
*Batavia, James L.	9/30/40	Elect.	Damage to sign	48.55
*Bates, Michael	6/29/35	Mtn.	Damage to sign	5.80
*Beakley, M. P.	11/15/33	"	Damage to guard rail	13.82
*Beakly, Mat.	9/30/38	Eq.	Damage to car	8.03
*Bean, Leon	4/14/38	"	Damage to car	10.70
*Bearsdale, Helen & Russell	3/15/40	Mtn.	Damage to reflector	16.61
*Beck, F. E.	12/10/30	Lab.	Inspectors equipment	4.70
*Becker, Axel J.	5/22/31	Mtn.	Damage to bridge	57.95
*Bellina, Collegero	12/31/36	"	Damage to sign	24.04
*Bennett, C. A.	1/ 1/23	S. L.	Protexol & Drums	100.72
*Berryman, William J.	7/10/30	R of W	Balance of Right of Way	500.00
Bert Corporation	8/30/41	Mtn.	Damage to guard rail	71.57
*Bertell, Clemens C.	12/31/34	"	Damage to sign	30.30
Bertolini, Silas	12/31/41	Elect.	Damage to electric signal	39.92
*Bertrand, Sister Mary	12/31/40	Eq.	Damage to chevrolet truck	508.56
*Bettinger, Frank	9/16/40	Mtn.	Damage to lighthouse	96.39
*Betts, Joseph E.	3/31/37	"	Damage to signal	83.11
*Beuttenmueller, Robert A.	11/24/39	"	Damage to signal	20.97
*Bibba, Fred	9/30/36	"	Damage to sign	39.24
*Bickel, Clifford A.	11/30/39	"	Damage to sign	6.63
*Bilkings Express Co.	10/15/36	"	Damage to bridge	30.47
*Bischoff, Harry A.	11/30/38	"	Damage to sign	.20
*Black, Anna J.	4/30/35	"	Damage to guard rail	18.94
*Black & Klockner	7/31/21	Const.	Abandoned Contract	13,841.90

ACCOUNTS RECEIVABLE

AS OF

DECEMBER 31, 1941

OUTSIDE PARTIES

NAME	BILLED	DIVN.	DESCRIPTION	AMOUNT
*Blackwell, Raymond	7/31/41	Mtn.	Damage to signs & Guard rail	$46.70
*Blaine, George	9/30/41	"	Damage to sign	57.47
Block, Abe	9/30/41	"	Damage to guard rail	132.17
*Bodine, Edith	1/16/41	"	Damage to pipe railing	72.86
*Bonney, Charles H.	8/12/29	Lab.	Inspectors equipment	12.55
*Boyer, J. W.	4/23/34	Mtn.	Damage to sign	102.95
*Bradshaw, George	12/31/37	"	Damage to sign	18.41
Branson, Frank B.	11/30/41	Elect.	Damage to electric sign	47.68
*Brink, William Jr.	10/23/36	Mtn.	Damage to guard rail	51.88
Brower, Gus	12/31/41	"	Damage to signs	25.11
Brown, Arthur M.	11/24/41	"	Damage to sign	22.93
*Brown, Martha	6/30/37	"	Damage to sign	19.00
*Bruzett, Steve	12/31/35	"	Damage to sign	41.85
*Burd, R. D.	6/14/37	"	Damage to guard rail	18.01
Burkham Brothers Inc.	12/15/41	"	Damage to bridge	104.60
*Burns, E. V.	4/21/32	Eq.	Damage to car	61.25
*Burns, Thomas F.	5/22/31	"	Parts stolen from car	10.08
*Busby, Alex	7/31/35	Mtn.	Damage to sign	28.83
*Busch, Peter	11/ 4/39	"	Damage to plants	27.21
*Bush, Thomas	9/15/38	"	Damage to sign	51.05
*Byrd, T. M.	11/23/38	"	Damage to flasher	133.38
*Byrd, Warren	8/24/36	"	Damage to guard rail	30.53
*Cahill, Elizabeth M.	10/15/40	Elect.	Damage to traffic signal	1,033.79
*Cahill, G. R.	3/21/33	Eq.	Damage to car	13.44
*Camden Paving Co.	6/22/31	Mtn.	Cost of removing equipment	124.50
*Campbell, Arthur	1/24/36	"	Damage to sign	21.63
*Canter, Harry A.	9/15/32	"	Damage to bridge	32.95
*Canuso, Robert	5/25/36	"	Damage to guard rail	33.69
*Cardinal, James J.	6/15/39	"	Damage to signs	29.81
*Cartwright, Isaiah	11/24/39	"	Damage to sign	42.58
*Carey, Lewis	8/20/31	"	Injuries to employee	2,051.97
*Catalano, Patsy	9/30/41	"	Damage to guard rail	20.89
*Centanni & Mc Caffery	8/30/41	Elect.	Damage to electric sign	134.45
*Chevrolet Motor Co.	1/16/40	Eq.	Refinishing bodies	23.75
*Chuberski, Rose	12/31/32	Mtn.	Damage to bridge	45.77
*Churchill, Francis	11/30/28	"	Damage to bridge	135.24
*Clark, Francis	12/21/40	Elect.	Damage to sign	10.72
*Cognanig, & Lowe	9/30/41	Eq.	Damage to electric sign	22.82
*Cohen, Sidney	4/15/40	"	Damage to truck	9.00
xColphalt Company	11/15/30	Mtn.	Empty drums returned	26.00
*Colyer, Whitfield	12/22/30	Eq.	Damage to car	86.28
*Conciano, Pasquale	5/15/37	Mtn.	Damage to sign	14.32
*Connolly, Joseph	9/ 8/38	"	Damage to sign	15.96
*Conover, John	3/15/39	Elect.	Damage to sign	74.68
*Consumers Lumber Co.	10/26/31	R of W	Salvaged lumber	1,000.00
*Cook, Floyd H.	9/30/36	Mtn.	Damage to guard rail	13.94
*Cook, Lille M.	12/21/37	"	Damage to bridge	27.46
*Cooper, James	2/28/37	Elect.	Damage to traffic light	24.18
*Costello, Frank	5/16/41	Eq.	Damage to truck	88.22
*Courtney & Cunningham	3/15/38	"	Damage to car	107.54
*Cowan, W. T. Trans. Co.	2/15/40	Mtn.	Damage to guard rail	25.94
*Gravatt, Pearl H.	1/16/41	"	Damage to pipe railing	54.84
*Czech, Stephen	5/15/40	"	Damage to stanchion	40.77

ACCOUNTS RECEIVABLE

AS OF

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OUTSIDE PARTIES

NAME	BILLED	DIVN.	DESCRIPTION	AMOUNT
*D. & L. Oil Co. Inc.	10/24/38	R of W	Rental of land	$ 1,620.00
*Daly, Irene	9/30/37	Mtn.	Damage to guard rail	34.30
*Dalzell Trucking Co.	11/ 8/29	"	Damage to bridge	1,195.89
*Datore, Joseph	6/22/36	"	Damage to bridge	161.45
*Davis, Isaac W.	5/25/36	"	Damage to bridge	74.76
*Davison, Daniel	4/30/35	"	Damage to bridge	46.81
*Davy, Ralph	4/30/34	R of W	Sale of building	600.00
*Degnan, John	2/15/40	Mtn.	Damage to guard rail	36.23
*DeJure, George	10/23/36	Eq.	Damage to car	93.76
*De Kay, Thomas	9/30/37	Mtn.	Damage to guard rail	28.81
*Delaware River Q. & Const.	3/15/33	Lab.	Testing	20.00
Demarco & Saar	11/24/41	Mtn.	Damage to concrete	195.86
Demeter, John	1/25/33	Eq.	Damage to truck	7.73
*Dender, Raymond	9/30/37	Mtn.	Damage to sign	26.33
*Destefano, Fred J.	3/15/40	Elect.	Damage to electric sign	51.89
*Dever, Samuel	10/24/38	Mtn.	Damage to bridge	35.33
*De Vino, Louis	5/31/33	"	Damage to bridge	42.61
*Dietz, Howard	6/27/41	Elect.	Damage to electric sign	108.78
*Dilks, Earl	11/30/38	Mtn.	Damage to sign	42.92
*Dimidieo, James	1/16/40	"	Damage to pipe railing	47.14
*Distunke, James T.	11/15/32	"	Injuries to employee	268.19
*Dreyer, Albert	12/21/36	"	Damage to sign	81.95
*Dubin, Louis	2/23/39	Eq.	Damage to equipment	222.13
*Dublin, Oliver	9/ 9/31	Mtn.	Damage to bridge	453.69
*Dubouis, Adolphe J.	5/22/31	"	Damage to bridge	39.04
*Duff, George A.	2/28/41	"	Damage to signs	87.63
*Duffy, & Weir	12/21/40	"	Damage to guard rail	62.75
*Dunbar, Clyde W.	8/15/40	"	Damage to sign	18.72
*Dutton, George	7/21/39	"	Damage to sign & post	40.74
*Eagle Grocery Co.	5/31/40	Eq.	Damage to car	42.70
*Edison Cement Co.	12/21/38	Lab.	Testing	19.92
*Edison Portland Cement Co.	9/22/31	"	Testing	93.80
*Egan, George	3/15/37	Mtn.	Damage to sign	18.41
Elizabeth Roofing & Supply Co	11/30/41	" & El.	Damage to bridge	88.29
Emmons, W. A.	11/30/41	Eq.	Damage to chevrolet car	73.96
*Engelhorn, John	6/24/40	Elect.	Damage to electric sign	29.49
Eriksen, Just F.	10/13/31	Lab.	Standard weights	9.36
*Esposito, Antonio	1/16/40	Elect.	Damage to lighting pole	329.27
*Essman, Maurice	2/21/40	Mtn.	Damage to bridge	117.35
*Ewan, I. C.	11/23/32	"	Damage to bridge	75.76
*Faber, Robert	4/15/40	Eq.	Damage to car	6.00
*Fallis, George	10/23/36	Mtn.	Damage to sign	36.39
*Farrell, John	3/31/38	"	Damage to bridge	107.73
*Fenenicz, Charles	10/31/37	"	Damage to bridge	233.79
*Ferge, Nicholas	6/15/39	" & El.	Damage to bridge	64.75
Fionglio, Vito	11/30/41	Elect.	Damage to electric sign	135.95
*Fisher, John H.	8/30/41	"	Damage to electric sign	83.00
*Flack, Jerome	9/30/41	Mtn.	Damage to steel fence	219.91
Foit, Delbert	11/30/41	Elect.	Damage to electric sign	78.95
*Franco, Philip	1/16/41	Mtn.	Damage to guard rail	23.79
*Fratto, Samuel	11/30/36	"	Damage to bridge	162.76
*Freeman, Elizabeth	10/23/36	"	Damage to signal	31.15
Friedman, Isadore J.	3/31/41	Elect.	Injuries to employee	80.00
*Fruesdale, Connie T.	4/30/40	Mtn & El	Damage to bridge	163.32

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OUTSIDE PARTIES

NAME	BILLED	DIVN.	DESCRIPTION	AMOUNT
*Fuchsman, Milton	12/21/40	Elect.	Damage to sign	$ 75.61
*Galabesky, Edward	8/23/37	Mtn.	Damage to signal	114.46
*Galea, Angelo	3/15/39	Elect.	Damage to electric sign	172.14
*Ganim, Isaac	6/15/35	Mtn.	Damage to bridge	241.90
*Gano, James E.	11/25/35	"	Damage to guard rail	36.06
*Garcia, Howard A. Rev.	6/22/36	"	Damage to bridge	162.14
*Gardner, Ray M.	12/21/40	"	Injuries to employee	53.80
*Garlinsky, Joseph	3/15/38	Elect.	Damage to light standard	149.12
*Gensckal, Henry	3/31/41	Mtn.	Damage to posts	52.45
George, Pauline B.	10/31/41	Elect.	Damage to signals	16.76
*Geschke, Edward	5/22/31	Mtn.	Damage to bridge	144.64
*Gibbs, John	6/30/37	"	Damage to sign	15.28
*Gland, C. E.	10/31/37	"	Damage to sign	35.77
*Goellner, Fred	10/23/36	Eq.	Damage to truck	13.82
*Goodman, Charles	7/30/34	Mtn.	Damage to bridge	104.17
*Graham, Warren L.	12/31/32	"	Damage to bridge	35.17
*Gramby, Cornelius	7/31/31	"	Damage to bridge	121.63
*Gray, William T.	4/30/37	"	Injuries to employee	581.65
*Green, Clem	12/21/40	Elect.	Damage to sign	68.41
*Greengrove, Thomas	6/30/38	Mtn.	Damage to guard rail	19.60
*Greiner, Paul C.	7/31/41	"	Damage to guard rail	39.61
*Greisbaker, Alvin	9/15/34	"	Damage to bridge	111.35
*Grimm, Joseph	4/30/37	"	Damage to guard rail	21.19
*Grob, Andrew	12/10/24	"	Damage to guard rail	22.59
*Grossman, Peter	4/30/40	Eq.	Damage to truck	34.30
*Gruca, Mike	12/31/33	Mtn.	Damage to sign	9.96
*Grunow, R. N.	12/31/32	Eq.	Damage to car	16.50
*Guoriere, Nicholas	11/23/32	Mtn.	Damage to bridge	47.26
*Gutterl, Fred Jr.	6/30/33	"	Damage to guard rail	17.17
*Guzzardo, John	10/31/33	"	Damage to bridge	21.06
*Haines, Elizabeth	9/30/41	"	Damage to guard rail	27.39
*Hand, Morgan	10/22/29	Lab.	Inspectors equipment	1.50
*Hansen, Harry C.	3/29/40	Mtn.	Damage to reflector	14.45
Hansen, J. Mrs.	5/16/41	"	Injuries to employee	17.00
*Harshbarger, Chas. & W. J.	6/24/40	"	Injuries to employee	527.99
*Harris, Joseph	5/26/39	Eq.	Damage to truck	302.68
*Hart, Edgar W.	8/31/29	Lab.	Inspectors equipment	1.50
Hatfield, R. A.	12/31/35	"	Testing	12.00
*Heft, Charles A. Jr.	7/31/31	R of W	Sale of building	38.19
Height, Henry & Johnson	11/30/41	Elect.	Damage to electric signal	19.96
*Held Haulage Corp.	10/24/38	Mtn.	Damage to sign	36.30
*Heleniak, John	4/30/38	"	Damage to sign	61.06
*Heller, P.	6/29/26	"	Damage to wall	167.12
*Henderson, Minnie	7/31/35	"	Damage to sign	12.00
*Hendrickson, Harry	10/15/37	"	Damage to guard rail	12.14
*Hicks, James E.	5/31/33	"	Damage to fence	131.09
*High, Catherine	8/23/37	"	Damage to bridge	76.41
Hill Construction Co.	10/13/31	Lab.	Standard weights	49.22
Hinkel, Louis	10/31/41	Mtn.	Damage to bridge	141.68
*Hinley, Edward	11/15/37	"	Injuries to employee	69.89
*Hires, Charles	3/21/33	Eq.	Damage to car	158.67
*Hirsh, Jack	6/14/37	Mtn.	Damage to guard rail	59.01
*Hirsh, Paul	1/30/37	"	Damage to sign	137.30
*Hoagland, Clarence B.	5/24/28	"	Damage to bridges	68.97

ACCOUNTS RECEIVABLE

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OUTSIDE PARTIES

NAME	BILLED	DIVN.	DESCRIPTION	AMOUNT
*Hodges, Richard	3/15/37	Mtn.	Damage to sign	$ 153.24
*Hoff, John S.	2/29/40	"	Damage to sign	30.93
*Homan, John J.	1/23/39	Eq.	Damage to car	81.69
*Hooper, Drexel	1/23/39	Elect.	Damage to electric sign	113.39
*Horner, Clarence Sr. & Jr.	11/24/39	Mtn.	Damage to traffic gate	168.61
*Houser Auto Supply Co.	3/31/32	Eq.	Damage to car	48.15
*Howell, George W.	3/15/39	"	Damage to car	185.75
*Howland, Jones Motor Co.	10/23/36	Mtn.	Damage to bridge	158.58
*Hubbard, B. T.	3/12/35	"	Damage to sign	23.33
*Huber, Edward L.	9/15/38	"	Damage to shubbery	45.36
*Hunt, Henry C.	10/31/36	Eq.	Damage to car	337.78
Huntley, Fred	11/30/41	Elect.	Damage to electric sign	137.46
*Hurley, Robert	2/15/37	Mtn.	Damage to bridge	58.33
*Hynes, John	9/15/30	"	Damage to guard rail	6.70
*Illiff, Vandeun	9/30/41	"	Injuries to employee	208.26
*Ince, George	5/21/28	"	Damage to bridge	233.31
*Incorvaia, Gaspar	8/30/41	"	Damage to post	21.39
Inter City Bus Co.	1/10/30	"	Damage to bridge	56.71
Irving, James & Thos. Reale	12/31/41	"	Damage to guard rail	30.14
*Isenberg, Arthur	1/31/37	"	Damage to guard rail	22.91
*Ivers, Patrick,F.	8/30/41	Eq.	Repairs to car	127.58
*Jackerson, Max	1/30/37	Mtn.	Damage to sign	32.96
*Jackson, Giedon	7/31/40	"	Damage to reflector	14.66
*Jackson, M. A.	7/27/32	R of W	Rental of building	3,600.00
*Jacobson Engineering Co.	4/15/41	Mtn.	Damage to post & sign	30.79
*Jaep, Fred C.	2/24/31	Eq.	Damage to car	255.55
*Jersey Dixie Shake Corp.	6/24/40	Mtn.	Cost of cleaning highway	12.19
*Jones, John W.	12/31/38	"	Damage to bridge	159.84
*Jordan, Samuel	11/30/36	"	Damage to bridge	60.57
*Kalubrobatani, Karl	12/21/40	Elect.	Damage to light	132.84
*Kamsky, Vester	4/26/28	Mtn.	Damage to bridge	54.04
*Karsler, Harold	12/31/34	"	Damage to sign	57.01
*Keane, John	12/31/34	"	Damage to guard rail	20.06
*Keeley, Donald	1/23/39	"	Damage to sign	30.10
*Kelly Motor Lines	7/22/40	"	Damage to guard rail	66.02
*Kelly Transfer Co.	6/24/40	"	Damage to guard rail	41.85
*Kennelly, Katherine	7/31/34	"	Damage to guard rail	16.52
*Kerr, Harvey	6/30/38	Eq.	Damage to car	14.46
*Keuler, John E.	8/30/41	Elect.	Damage to electric signs	41.34
*Kimble, Marx	5/26/39	Mtn.	Injuries to employee	410.86
*Kincaid, J. L.	9/30/39	"	Damage to guard rail	106.42
*Kispaugh, K. P.	1/15/37	"	Damage to sign	61.76
*Kllampffer, William	8/30/41	"	Damage to signs	51.24
*Knullhuff, Albert	7/31/36	"	Damage to sign	12.93
*Kocsis, John	4/20/33	"	Damage to guard rail	50.06
*Kohl, Edwin	2/15/40	"	Damage to reflector	50.35
*Kolowitz, Julius	12/15/36	"	Damage to sign	29.18
*Kopp, William Jr.	9/30/36	"	Damage to guard rail	22.76
*Koppers, Products Co.	3/31/36	Lab.	Testing	15.00
*Kramer, P. S.	3/31/36	"	Testing	15.00
*Krantz, Jennie	6/30/39	Eq.	Damage to car	44.80
*Krasa, Anton F.	1/30/37	Mtn.	Damage to bridge	135.81
*Kraus, Robert	2/15/40	"	Damage to sign	11.01
*Kronemeter, Andrew	10/31/33	"	Damage to bridge	77.64

ACCOUNTS RECEIVABLE

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OUTSIDE PARTIES

Name	Billed	Divn.	Description	Amount
*Kubat, Frank	5/31/34	Mtn.	Damage to guard rail	$ 32.11
*Kunz, William	5/15/37	"	Damage to sign	10.20
*Kurtz, John N.	5/31/34	"	Damage to bridge	36.56
*Kusmider, Walter	8/15/38	"	Damage to property	54.88
*Lagrilla, James	6/22/36	"	Damage to bridge	78.25
*Landin, Ida	12/31/35	"	Injuries to employee	6,008.84
*Langboro, Reuben	8/31/33	Eq.	Damage to car	15.40
*La Rosa, Mary	6/30/37	Mtn.	Damage to sign	29.52
*Lastra, Virgilio	9/30/41	Elect.	Damage to bridge	85.39
Latimer, Ruth	12/15/41	Mtn.	Damage to guard rail	144.54
*Lavine, Sidney	6/24/40	Eq.	Damage to car	6.75
*Lazar, Joseph	12/21/38	"	Damage to car	83.40
*Leafey, Lawrence & William	12/20/39	Mtn.	Damage to sign	35.95
*Lee, Andrew M.	10/31/40	Elect.	Damage to signs	20.11
*Lehmann, C.	5/12/38	Mtn.	Damage to guard rail	12.21
*Leich, Louise	10/15/40	"	Damage to guard rail	66.67
*Leitch Mfg. Co.	3/31/36	Lab.	Testing	15.00
*Leon, Howard H.	10/31/31	Eq.	Damage to car	63.65
*Leonard, Harry C.	6/30/38	Mtn.	Damage to bridge	41.58
*Liske, Alex	4/30/40	Eq.	Damage to truck	50.92
Levin, Nathan	10/31/41	Mtn.	Injuries to employee	33.00
*Levine, George	4/14/38	"	Damage to bridge	273.09
*Levy, Henry	3/31/37	"	Damage to bridge	94.12
*Licklietor, Edward	11/23/38	"	Damage to sign	16.69
*Lipman, Julian A.	7/31/41	"	Injuries to employee	418.63
Lippincott, Harry J.	11/30/41	Elect.	Damage to electric signs	37.80
*Loney, James	10/31/37	Mtn.	Damage to bridge	64.57
*Loundsberry, Harry C.	9/30/41	Eq.	Damage to dept. car	135.66
*Lumbermens Mutual Cas. Co.	5/22/31	"	Damage to dept. car	32.00
*Lyons, John L.	8/30/41	Elect.	Damage to traffic signal	122.22
*Mc Cabe, Eillen	5/15/37	Mtn.	Damage to signal	59.40
Mc Call, Archie	5/26/39	"	Damage to guard rail	35.76
Mc Carthy, Mary	11/30/41	Elect.	Damage to electric sign	47.85
*Mc Closkey, John	9/30/38	Mtn.	Damage to sign	52.51
*Mc Cormick, Michael	5/30/40	Eq.	Damage to truck	174.58
*Mc Cormick, Catherine	5/29/37	Mtn.	Damage to sign	25.28
*Mc Cullough, William	2/15/40	"	Damage to sign	29.22
*Mc Donald, John W.	7/15/37	"	Damage to guard rail	19.76
*Mc Dougle, C. D.	7/15/37	"	Injuries to employee	166.66
*Mc Genness, E. H.	5/31/33	"	Damage to bridge	34.89
*Mc Ghee, John	2/28/41	"	Damage to guard rail	74.27
Mc Ginuis, Joseph	12/15/41	"	Damage to sign	40.44
*Mc Keen, James T.	11/25/35	"	Damage to bridge railing	41.79
*Mc Manus, William	9/15/34	"	Damage to bridge	93.92
*Mc Pherson, R. J.	9/14/37	"	Damage to guard rail	32.19
*Mabie, Floyd	12/31/34	"	Damage to guard rail	20.73
*Mac Gillivray, Angus	7/31/35	"	Damage to bridge	100.62
*Madawick Trucking Service	7/20/33	"	Damage to guard rail	18.03
*Maglione, Vincent & Matt	12/21/40	Elect.	Damage to electric light	872.83
*Magor, Wilson	11/30/38	Mtn.	Damage to sign	44.05
*Mangan, Edward	7/31/37	"	Damage to sign	15.44
*Manice, Anthony	10/16/33	"	Damage to sign	33.48
*Maniscallo, Anthony	3/12/35	"	Damage to guard rail	96.66
*Mann, William	9/ 9/31	"	Damage to bridge	42.33

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OUTSIDE PARTIES

NAME	BILLED	DIVN.	DESCRIPTION	AMOUNT
Maron, William A.	5/16/41	Mtn.	Damage to bridge railing	$ 12.16
*Marrazzo, Charles	9/10/30	Lab.	Testing	20.00
*Martec, Trucking Co.	12/22/36	Eq.	Damage to truck	96.26
Mathis, Thomas	4/20/32	Eq.	Damage to dept. car	4.26
*Mayer, George C.	5/28/29	R of W	Sale of building	150.00
*Meadow & White	8/30/41	Elect.	Damage to traffic signal	137.55
*Mellin, Daniel S.	4/14/37	Mtn.	Damage to guard rail	36.86
*Menzio, Daniel	4/14/37	"	Damage to sign	33.03
*Meros, Anthony	1/16/41	Eq.	Damage to Galion grader	324.53
*Merritt, Walter	8/30/41	Mtn.	Damage to sign	8.30
*Messina, James	11/24/39	"	Damage to sign	22.83
Meury, H. J.	1/22/32	Eq.	Damage to car	262.33
*Meyer, Grace	4/15/35	Mtn.	Damage to bridge	161.56
*Metzger, Robert G.	3/15/38	Elect.	Damage to signal	63.39
Michals, Marie	11/24/41	Mtn.	Damage to bridge	79.29
*Mitchell, James D.	12/31/34	"	Damage to sign	152.24
*Morgan, Edgar	7/15/38	"	Damage to sign	33.49
*Morley, Edwin	12/31/40	Eq.	Damage to station wagon	58.26
Morris, Franklin	12/31/41	Mtn.	Damage to signs	39.53
*Morris, Walter S.	5/26/39	Eq.	Damage to truck	13.38
*Morrisette, Frank G.	5/24/28	Mtn.	Damage to bridge	37.53
*Mosellie, Basil	8/30/41	"	Damage to sign	28.78
*Mourllesseaux, Charles	5/ 9/30	"	Damage to guard rail	72.65
Muehlhausen Cooperage Co.	12/31/41	"	Damage to sign	13.83
*Mueller, Chris J.	3/15/38	"	Damage to sign	17.01
*Mumma, Raymond E.	5/16/41	Elect.	Damage to gate light	36.87
*Murphy, John	10/24/38	"	Damage to bridge	6.83
*Myers, Newton B.	6/15/40	"	Damage to sign	67.60
National Hauling Co.	12/15/41	Eq.	Damage to truck	28.94
*Newspaper Sales Corp.	10/31/31	Lab.	Testing	55.00
*Nazronaik, Charles	6/23/30	Mtn.	Damage to bridge	109.09
*Neit, Henry	2/28/34	"	Injuries to employee	133.03
Newburgh Transfer Inc.	12/15/41	"	Injuries to employees	836.19
*New Era Cement Co.	11/24/30	Lab.	Testing	36.77
New Jersey Bell Telephone Co.	12/31/41	"	Testing cylinders	48.00
* N Y Central Freight Ways	11/23/36	Mtn.	Injuries to employee	140.58
Nilsen, Charles A.	11/30/41	" & El.	Damage to bridge	159.32
*O'Connell, Alice	1/15/37	Mtn.	Damage to sign	21.11
*Ogden, Alfred T.	3/30/35	Eq.	Damage to car	128.53
*Olvaney, William A.	3/31/36	Mtn.	Damage to bridge	25.73
*Oroz, Louis Jr.	9/30/41	" & El.	Damage to traffic gate	43.89
*Ott, Richard	4/14/39	Mtn.	Damage to lighthouse	135.62
Palmer, Glen A.	12/15/41	"	Damage to sign	29.75
*Palmieri, Frank	1/30/37	"	Damage to guard rail	20.04
*Panaro, Michael	6/22/36	"	Injuries to employee	1,693.41
*Pascalo, Charles	8/30/40	Elect.	Injuries to employee	41.00
*Pasquale, Anthony	9/15/38	Mtn.	Damage to sign	41.84
Passaic Valley Water Co.	1/31/33	"	Repairs to pavement	4.67
*Peterson, Thelma	10/23/36	"	Damage to guard rail	9.28
*Pazinick, Ignas	11/15/37	"	Damage to sign	81.69
*Peay, Richard	8/15/39	Elect.	Damage to electric sign	73.17
*Peduzzi, Louis	11/24/39	Mtn.	Damage to sign	29.64
*Pennsylvania Greyhound Bus	9/30/41	Eq.	Damage to dept. truck	111.65
*Peppin, Albert	10/31/37	Mtn.	Damage to bridge	44.95

ACCOUNTS RECEIVABLE

AS OF

DECEMBER 31, 1941

OUTSIDE PARTIES

NAME	BILLED	DIVN.	DESCRIPTION	AMOUNT
*Pepsi Cola Company	4/ 1/38	Mtn.	Damage to guard rail	$ 55.07
*Petroleum Heat & Power Co.	7/31/33	Eq.	Damage to truck	78.45
Pfitsinger, R. J.	10/31/33	"	Damage to car	2.76
*Phila Rubber Waste Co.	3/15/33	Mtn.	Damage to guard rail	33.57
*Phillips, Ezekail	1/30/37	"	Damage to bridge	23.44
*Piscolo, Guisseppe	3/11/38	"	Damage to bridge	144.29
Pierce, Thomas P.	4/23/34	Eq.	Gas, Oil & Parts	7.52
*Pioneer Bakeries	2/15/38	Mtn.	Damage to sign	23.49
*Podalskey, Harry	2/28/37	"	Damage to guard rail	20.81
*Pohl, Adolph	10/31/39	Elect.	Damage to pole	96.09
*Poinsett, Donald	1/16/41	Mtn.	Damage to fence	59.18
*Powell, Norman	1/31/41	"	Damage to sign	77.22
*Preis Bus Co.	1/15/37	Eq.	Damage to truck	39.95
*Premock, Francis H.	4/14/39	Mtn.	Damage to guard rail	7.70
*Preston Trucking Co.	9/22/39	"	Damage to catch basin	60.18
*Price, Adam	10/31/34	"	Damage to bridge	50.51
*Price, J. A.	8/31/39	"	Injuries to employee	100.72
*Prokap, Michael	3/15/37	"	Damage to guard rail	33.01
*Pulizzaro, Michael	12/20/39	"	Damage to sign	147.59
*Querry, John E.	11/29/33	"	Damage to sign	16.85
*Quick, Fred L.	4/15/40	Eq.	Damage to car	6.89
*Quigley, John	4/29/39	Elect.	Damage to sign	7.78
*Quigley, William	4/23/39	Mtn.	Damage to reflector	2.50
*Racite, Guisseppe	5/26/39	"	Damage to sign	28.76
*Raffa, John	5/31/41	"	Injuries to employee	12.00
*Randall, Frank T.	10/15/36	"	Damage to sign	44.27
*Rayhon, Joseph	12/31/34	"	Damage to bridge	174.66
*Rebuilt Tires Inc.	1/16/40	Eq.	Sale of scrap tires	55.00
*Redmond, John	1/16/41	Mtn.	Damage to guard rail	91.29
*Reed, Harley	12/22/36	"	Damage to bridge	23.97
*Reed, Ira De H.	2/15/32	"	Damage to bridge	27.65
Reeves, C. M.	5/31/33	Eq.	Damage to car	83.73
Regeney, Walter	2/28/41	Mtn.	Damage to beacon	18.00
*Reilly Tar & Chemical Co.	3/31/36	Lab.	Testing	105.00
*Reppert, Daniel S.	10/31/35	Mtn.	Damage to sign	35.69
*Rhineish, Joseph	1/24/29	"	Damage to bridge	52.58
*Rice, Frank	7/11/29	"	Damage to bridge	65.36
*Richards, C. W. Co.	11/15/37	"	Permit for opening	25.00
*Richter, Otto	11/23/32	"	Damage to bridge	48.50
*Reichenbaum, Rosa	1/15/34	"	Damage to bridge	27.11
Rigor, Norman F.	10/31/31	Eq.	Damage to car	46.11
*Rinaldo, Susie	9/30/41	Mtn.	Repairs to A G A Signal	82.46
Risler, W. P. & Salem Express	12/31/41	"	Damage to sign	16.05
*Riverside Concrete Co.	4/30/37	Eq.	Snow plow parts	16.00
*Robbin, Ernest	2/15/38	Mtn.	Damage to sign	20.80
*Robbins, Herman	7/30/38	"	Damage to guard rail	31.65
*Robinson, Hugh C.	8/30/41	Elect.	Damage to bridge	68.32
*Robinson, Jack	8/30/41	Mtn.	Damage to signs	20.09
*Rochford, William J.	9/30/35	"	Damage to sign	25.86
Rodgers, H. W.	4/21/32	Eq.	Damage to truck	23.77
*Roe, Daniel Trucking Co.	2/21/30	Mtn.	Damage to bridge	1,953.23
*Rogers, Lawrence	2/28/38	Elect.	Damage to lighting	92.63
*Rottino, Katie	5/29/37	Mtn.	Damage to guard rail	79.38
Rumriel, H. C.	1/22/31	Eq.	Damage to car	42.59
*Ryerson, Wm. & Johanna	2/15/40	Mtn.	Damage to sign	31.57

ACCOUNTS RECEIVABLE

AS OF

DECEMBER 31, 1941

OUTSIDE PARTIES

NAME	BILLED	DIVN.	DESCRIPTION	AMOUNT
Sachers, H. H.	1/25/33	Eq.	Damage to car	$ 50.17
*Salem Express Co.	7/13/36	Mtn.	Cost of clearing road	23.10
*Salis, Candelario	3/15/40	Elect.	Damage to electric sign	62.81
*Salvastano, Louis	1/15/35	Mtn.	Damage to sign	80.79
*Sanders, Fred Jr.	5/25/36	"	Damage to sign	10.37
*Sanitate, Frank	10/31/37	"	Damage to guard rail	18.09
*Sarti, Edward	11/15/33	"	Damage to bridge	37.05
*Sayers, George J.	2/15/37	"	Damage to guard rail	30.21
*Scalzo, John R.	9/30/41	Elect.	Damage to lights	149.98
*Schaltz, Leo	9/29/34	Mtn.	Damage to guard rail	17.82
*Schroeder, Max	9/30/40	Elect.	Damage to sign	68.28
*Schweiger, Elwood	3/15/40	Mtn.	Damage to guard	36.23
*Scully, Daniel	2/29/28	"	Damage to bridge	109.30
*Sharespeare, Phillip C.	3/30/35	"	Damage to beacon	100.33
Sharpe, Wilson	4/23/34	Eq.	Gas & Oil	3.99
*Shaw, Charles Jr.	8/10/31	"	Damage to car	256.55
*Shell Eastern Petroleum	8/31/36	Lab.	Testing	15.00
*Sheppard Svlvanus	7/20/33	Mtn.	Damage to guard rail	26.34
Shoemaker, Frank I.	9/30/31	Eq.	Damage to car	9.03
Shuman, Peter & Queenie	12/15/41	Mtn.	Damage to sign	22.29
*Silvers, Davis	12/15/34	"	Damage to guard rail	21.76
*Sinclair Refining Co.	3/31/36	Lab.	Testing	45.00
*Slattery, Francis	3/31/41	Mtn.	Damage to reflector	28.30
*Sloner, Arthur A.	9/22/39	Elect.	Damage to electric flasher	33.55
*Smith, Clifford	11/24/39	Mtn.	Damage to fence	108.62
*Smith, Edward	11/15/37	Eq.	Damage to car	7.72
*Smith, James	9/30/38	Eq.	Damage to car	20.50
*Smith, James	3/31/34	Mtn.	Damage to bridge	56.58
*Snow, Raymond	7/21/39	"	Damage to sign	49.60
*Solasky, John	6/14/37	"	Damage to bridge	205.87
*Sonnaggere, Peter	5/31/38	Eq.	Injuries to employee	358.40
*Sorokac, George	3/15/39	Elect.	Damage to electric sign	88.39
Sowerbutt, R. S.	6/30/39	Lab.	Calabrating truck	21.35
*Spader, A & H. Malsbury	6/27/41	Elect.	Damage to signal	102.72
*Spieger, N.	6/15/35	Mtn.	Damage to guard rail	30.84
*Spiewak, Charles	11/25/41	"	Damage to bridge	156.95
*Sprague, Charles	7/31/35	"	Damage to guard rail	17.05
*Squire, Russell	3/31/37	"	Damage to sign	28.89
*Stanberry, Alvin	9/15/34	"	Damage to bridge	467.90
Standard Oil Co. of N. J.	3/ 3/36	Lab.	Testing	510.00
*Stanton, L. W. & Co.	11/29/33	Mtn.	Damage to guard rail	10.99
Staples, & Co. Inc.	1/24/36	Lab.	Testing	12.00
*Staub, Carl	12/22/36	Mtn.	Damage to guard rail	56.46
*Stehr, John J.	6/16/41	"	Damage to sign & Post	45.90
*Steifel, Fred	9/29/34	"	Damage to guard rail	16.69
*Stein, Irving	10/24/38	"	Damage to sign	8.47
*Steiner, Frank	5/26/39	Elect.	Damage to bridge	129.55
*Stillo, Joseph	12/15/33	Mtn.	Damage to bridge	88.69
*Stout, Jonathan T.	10/16/33	Lab.	Testing	5.00
*Strong, George	12/15/31	Mtn.	Damage to bridge	60.97
*Stump, Leland	11/25/33	"	Damage to guard rail	11.60
*Subin, Ira H.	9/21/36	"	Damage to sign	9.53
*Such, Frank	4/29/39	Elect.	Damage to electric sign	120.78
*Sunnybrook Farms	9/30/41	"	Cost of laying pipe	49.55

ACCOUNTS RECEIVABLE

AS OF

DECEMBER 31, 1941

OUTSIDE PARTIES

NAME	BILLED	DIVN.	DESCRIPTION	AMOUNT
Swackhammer, Milton D. B.	9/13/29	Eq.	Damage to car	$ 7.68
*Taylor, Raymond	12/22/36	Mtn.	Damage to guard rail	61.28
*Taylor, Raymond W.	6/27/41	Elect.	Damage to electric sign	118.43
Texas Company	3/31/36	Lab.	Testing	135.00
Thomas, John D.	9/22/39	Mtn.	Damage to sign & post	54.63
*Thomas, Lewis	2/28/41	Elect.	Damage to electric sign	116.04
Thomas, P. P.	10/31/26	Eq.	Lost tire tube & rim	15.00
*Thropp Foundry Co.	8/31/35	Lab.	Testing	10.00
*Timmins, Lawrence	7/22/40	Mtn.	Damage to reflector	42.96
*Tokash, Joseph	1/24/36	"	Injuries to employee	1,308.96
*Tomile, Ernest	1/22/32	Eq.	Damage to car	24.25
*Traffy, Samuel	3/15/40	Elect.	Damage to electric sign	282.30
*Trapper, R. H.	7/31/41	Mtn.	Damage to guard rail	73.48
*Travers, William Z.	8/24/36	"	Damage to guard rail	33.46
*Trenton Transit Co.	5/25/36	"	Damage to sign	12.44
*Troko, J. M.	11/24/39	Elect.	Damage to electric sign	203.90
*Troncone, D. A.	10/29/30	S & P	Set of plans	12.54
*Uetzmann, Elizabeth	2/15/37	Mtn.	Damage to guard rail	18.30
*United Wholesale Butchers Inc	7/31/41	Eq.	Damage to grader	66.26
*Urban, Joseph H.	6/27/41	Elect.	Damage to light fixtures	37.35
*Utility Construction Co.	1/31/24	Mtn.	Detour repairs	1,071.48
*Vaccaro, Dominick	12/21/40	"	Damage to sign	52.76
*Vail, David H.	8/31/39	"	Damage to guard rail	97.59
*Vanderstein, George	12/21/37	"	Damage to beacon	203.06
*Van Steyn, Peter	2/15/37	Elect.	Injuries to employee	1,364.91
*Van Syckle, Albert	1/23/39	Eq.	Damage to car	115.24
*Van Vliet, Elvin	10/31/33	Mtn.	Damage to guard rail	18.38
Varrelman, David	8/15/32	Eq.	Damage to truck	61.63
*Vesella. Ruben	9/30/39	Mtn.	Injuries to employee	4.00
Vegotsky, Max	9/30/41	Eq.	Sale of junk	535.67
*Vermule, Frank	7/31/36	Mtn.	Damage to bridge	170.42
*Villa Contracting Co.	12/21/40	"	Cost of cleaning highway	22.68
*Virginia Motor Express Co.	10/31/33	"	Damage to ballustrade	101.41
*Vitale, John	6/16/38	"	Paving Blocks	9.00
*Van Oesen, George	7/31/35	"	Damage to bridge	28.46
*Voorhees, W. H.	2/21/30	Eq.	Damage to car	10.85
Voorhees, W. W.	1/22/32	"	Damage to car	128.79
*Wagner, Popper & Morrison	4/30/35	Mtn.	Damage to bridge	20.11
*Wagner, Roy Sr. & Jr.	6/30/41	Elect.	Damage to signal	34.50
*Walker, Emerson	11/23/38	Mtn.	Damage to sign	36.49
*Walker, Thomas	4/30/41	"	Clearing derbis from highway	55.96
*Walls, George S.	2/23/39	"	Injuries to employee	356.55
*Warner, Alexander Jr.	9/ 9/31	Eq.	Damage to car	146.95
*Warner Quinlan Company	3/31/36	Lab.	Testing	450.00
*Warren Balderson Company	3/31/39	Elect.	Return of reels	138.00
*Warrick, Edmund & Leslie	9/22/39	Mtn.	Damage to sign	37.77
*Warrick, John J.	12/15/36	"	Damage to sign	144.31
*Wax, Joseph	7/31/41	"	Damage to sign	75.47
*Weber, Harold	5/15/37	"	Damage to guard rail	35.43
Weber, Henry	2/15/38	Lab.	Inspectors Equipment	1.60
* Weedo, Anthony	8/15/38	Mtn.	Damage to signs	18.09
*Weinger, Harry	8/15/39	"	Damage to reflector sign	40.22
*Weise, George	4/30/41	"	Damage to sign	41.29

Schedule #37-N

ACCOUNTS RECEIVABLE

AS OF

DECEMBER 31, 1941

OUTSIDE PARTIES

NAME	BILLED	DIVN.	DESCRIPTION	AMOUNT
*Wellman, William	9/20/32	Mtn.	Damage to guard rail	$ 6.15
*Wells, Alice Ruth	11/23/32	"	Damage to bridge	44.07
*Welsch, Herbert	3/25/36	"	Damage to guard rail	52.53
*Welsch, Leo A.	11/25/35	"	Damage to sign	18.31
*West, Harry C. Jr.	10/15/37	"	Damage to sign	36.42
White, Lem H.	11/24/30	Lab.	Testing	51.21
*White, Murray S.	3/15/38	Elect.	Damage to light	36.18
*Whiteman, John	1/16/40	Mtn.	Damage to sign	14.07
Whitney, Harold	2/23/39	Eq.	Damage to car	10.26
Widutis, C. W.	9/30/33	"	Tire, Tube & Rim	6.39
Wilber, K. H.	7/15/38	Lab.	Testing	10.00
*Wilkes, Robert M.	9/30/36	Mtn.	Damage to sign	9.46
*Williams, Andrew	6/22/36	"	Damage to sign	16.71
*Williams, John W.	10/22/29	"	Damage to guard rail	37.67
*Wilson, Frank	5/31/33	Eq.	Damage to car	112.99
*Wilson Transfer Co.	10/23/36	Mtn.	Damage to guard rail	50.64
*Wohritsky, Michael	4/30/35	"	Damage to sign	71.11
Woodbury Trucking Co.	2/29/36	Lab.	Testing	15.00
*Woodruff, Howard	11/23/36	Mtn.	Damage to sign	14.55
*Wright, Arnold	9/24/29	"	Damage to bridge	282.96
*Wright, David J.	11/25/40	Eq.	Damage to Bucik car	39.75
*Wright, James S.	1/23/39	Mtn.	Damage to sign	20.00
*Wynn, Booker	11/24/39	"	Damage to sign	27.90
*Wysock, Walter	8/31/35	"	Damage to sign	18.09
*Yannielli, James	10/23/36	"	Damage to guard rail	9.99
*Yordy, Edna May	11/13/31	"	Damage to bridge	35.00
*York Motor Co.	8/30/41	"	Injuries to employee	6.29
*Young, Paul C.	8/31/39	"	Injuries to employee	1,066.31
*Zeck, Raymond	12/21/39	"	Damage to guard rail	67.93
*Zerner, Eugene	5/31/31	R of W	Taxes	318.22
*Ziegler, Agnes B.	7/22/40	Mtn	Damage to guard rail	15.93
*Zimmerman, William C.	5/15/37	"	Damage to beacon	31.97
*Zolloiwicz, Frank	7/31/35	"	Damage to sign	42.34
*Zullo, Anthony	5/31/38	Eq.	Damage to tractor	125.00
				$ 82,425.90

Note * Referred to Attorney General for collection

x Bill for material withheld from payment

Statement of Balances of Motor Vehicle Receipts In Closed Banks Not Included in Assets

As of December 31st, 1941

	Amt. not Turned over on 1-1-41	Amt. Cash Recd. to Dec.31,1941	Balance as of Dec.31,1941
Motor Vehicle Fees,etc.	$1,039,725.19	$ 9,764.47	$1,029,960.72

Amount of Stock Received by the State Treasurer for Motor Vehicle Fees in Closed Banks

As of December 31st, 1941

Amt. of Certificates and Certifs. of Participation	Bal. as of Jan. 1,1941	Cash Recd. to Dec. 31,1941	Bal. as of Dec.31, 1941
Asbury Park	$ 29,981.49	$ 720.16	$ 29,261.33
Bankers Trust Co.	50,000.00	0	50,000.00
Broadway Bank & Trust Co. of Paterson	36,647.52	0	36,647.52
Cape May Title & Trust Co.	260.00	0	260.00
Clifton Trust Co.	26.40	0	26.40
Elizabeth " "	16,047.00	0	16,047.00
Equitable " " of Atl.City	246,471.66	0	246,471.66
1st Natl. Bank, Fort Lee	4,148.82	0	4,148.82
" " " Jamesburg	1,308.66	116.84	1,191.82
" " " New Egypt	921.19	0	921.19
" " " Washington	230.86	0	230.86
Guaranty Trust Co., Atl.City	74,549.12	760.71	73,788.41
Hamilton " " Paterson	2,220.00	0	2,220.00
Lakewood " "	23,848.34	0	23,848.34
New Brunswick Trust Co.	999.00	0	999.00
Peoples Natl. Bank, Lakewood	840.00	840.00	0
" Bank, Hawthorne	18,991.45	0	18,991.45
" " & Trust Co. of Passaic(Realty & Sur. Co.)	3,824.00	0	3,824.00
Perth Amboy Trust Co.	204,520.00	0	204,520.00
Sea Bright Natl. Bank	600.00	0	600.00
	$ 716,435.51	$ 2,437.71	$ 713,997.80

Statement of Balances of Motor Vehicle Receipts Turned over to the State Treasurer in Closed or Liquidating Banks

Name of Bank	Balance as of Jan. 1,1941	Amt. Cash Recd. to Dec.31,1941	Balance as of Dec.31,1941
Asbury Park & Ocean Grove Bank	$ 380.59	$ 0	$ 380.59
Atlantic City Natl. Bank	148,024.29	0	148,024.29
Belvidere " "	7.19	0	7.19
Chelsea 2nd " " of Atlantic City	47,068.24	2,143.10	44,925.14
Citizens Natl. Bank of Long Br.	15,981.17	2,323.55	13,657.62
" " " " " " (Addtl.)	128.50	0	128.50
" " Bank of New Brunswick	3,000.29	589.86	2,410.43
Collingswood Natl. Bank	275.87	0	275.87
Edgewater Trust Co.	900.42	0	900.42
1st Natl. Bank, Port Morris	460.09	0	460.09
" " " Sea Isle City	47.32	0	47.32
" " " Woodbridge	1,397.62	0	1,397.62
Glassboro Trust Co.	5,691.96	0	5,691.96
Jefferson " "	3,824.55	0	3,824.55
Lakewood " "	9,173.14	764.43	8,408.71
Mechanics Natl. Bank of Millville	6,826.35	1,455.82	5,370.53
New Brunswick Trust Co.	170.10	50.00	120.10
Ocean City Natl. Bank	29,843.83	0	29,843.83
Peoples Bank, Lakewood	808.19	0	808.19
Pt. Pleasant Beach Natl. Bank	4,030.00	0	4,030.00
Pleasantville " "	13,941.53	0	13,941.53
Rutherford " "	431.90	0	431.90
Toms River Trust Co.	450.71	0	450.71
Vineland " "	871.20	0	871.20
Warren Co. " "	84.08	0	84.08
West Orange " "	29,403.82	0	29,403.82
" " " " (Addtl.)	66.73	0	66.73
	$323,289.68	$ 7,326.76	$315,962.92

Statement of Balances as per the State Treasurer's Records of State Highway Funds in Closed Banks, as of Dec. 31st, 1941
(Which were not included in Assets)

Prefd. Stock or Certifs. of Participation Accounts: Name of Bank	Balance as of Jan. 1,1941	Amt. Cash Recd. to Dec. 31,1941	Balance as of Dec. 31,1941
Bankers Trust Co. of Atl. City	$ 50,000.00	$ 0	$ 50,000.00
" " " " " "	70,000.00	0	70,000.00
Clementon Natl. Bank	1,625.00	0	1,625.00
1st Natl. Bank of Spring Lake	2,592.00	0	2,592.00
Equitable Trust Co.	394,250.00	0	394,250.00
Franklin " "	3,480.00	0	3,480.00
Guaranty " " of Atl. City	98,000.00	1,000.00	97,000.00
Hamilton " " " Paterson	3,900.00	0	3,900.00
Mainland Natl. Bank of Pleasantville	1,247.75	0	1,247.75
National Bank of America at Paterson	5,415.00	0	5,415.00
New Brunswick Trust Co.	43,601.00	0	43,601.00
Peoples Bank & Trust Co., Elizabeth	541,847.00	0	541,847.00
Perth Amboy Trust Co.	32,480.00	0	32,480.00
Total Preferred Stock & Certificates	$1,248,437.75	$ 1,000.00	$1,247,437.75

Restricted Accounts Name of Bank	Balance as of Jan. 1, 1941	Cash Recd. to Dec. 31,1941	Balance as of Dec. 31,1941
Atl. City Natl. Bank	$ 123,633.00	$ 0	$ 123,633.00
Chelsea 2nd " "	47,066.96	2,143.05	44,923.91
Collingswood " "	687.50	0	687.50
" " "	550.00	0	550.00
" Trust Co.	7,450.00	0	7,450.00
1st Natl. Bank of Ocean City	31,500.00	987.00	30,513.00
Merchants Natl. Bank & Trust Co., of Millville	24,500.00	5,225.00	19,275.00
Pleasantville Natl. Bank	3,993.50	0	3,993.50
Elizabeth Trust Co. (Peoples Bank & Trust Co.)	330,000.00	0	330,000.00
1st Natl. Bank of Pleasantville (Mainland Natl. Bk. of ")	3,750.00	0	3,750.00
Elizabeth Trust Co. (Peoples Bank & Trust Co.)	216,000.00	50,000.00	166,000.00
Ocean City Natl. Bank	6,102.00	0	6,102.00
New Brunswick Trust Co.	412.17	412.17	0
Total Restricted Accounts	$ 795,645.13	$ 58,767.22	$ 736,877.91
Grand Total	$2,044,082.88	$ 59,767.22	$1,984,315.66

ANNUAL REPORT OF THE N.J.
STATE HIGHWAY DEPARTMENT
1941

RULES

1. Books and magazines are to be loaned to Highway Department employees only.

2. Books may be kept for two weeks and magazines for one week, and may be renewed for the same period except when the publication is in demand.

3. Please take good care of books as some are valuable and cannot be replaced.